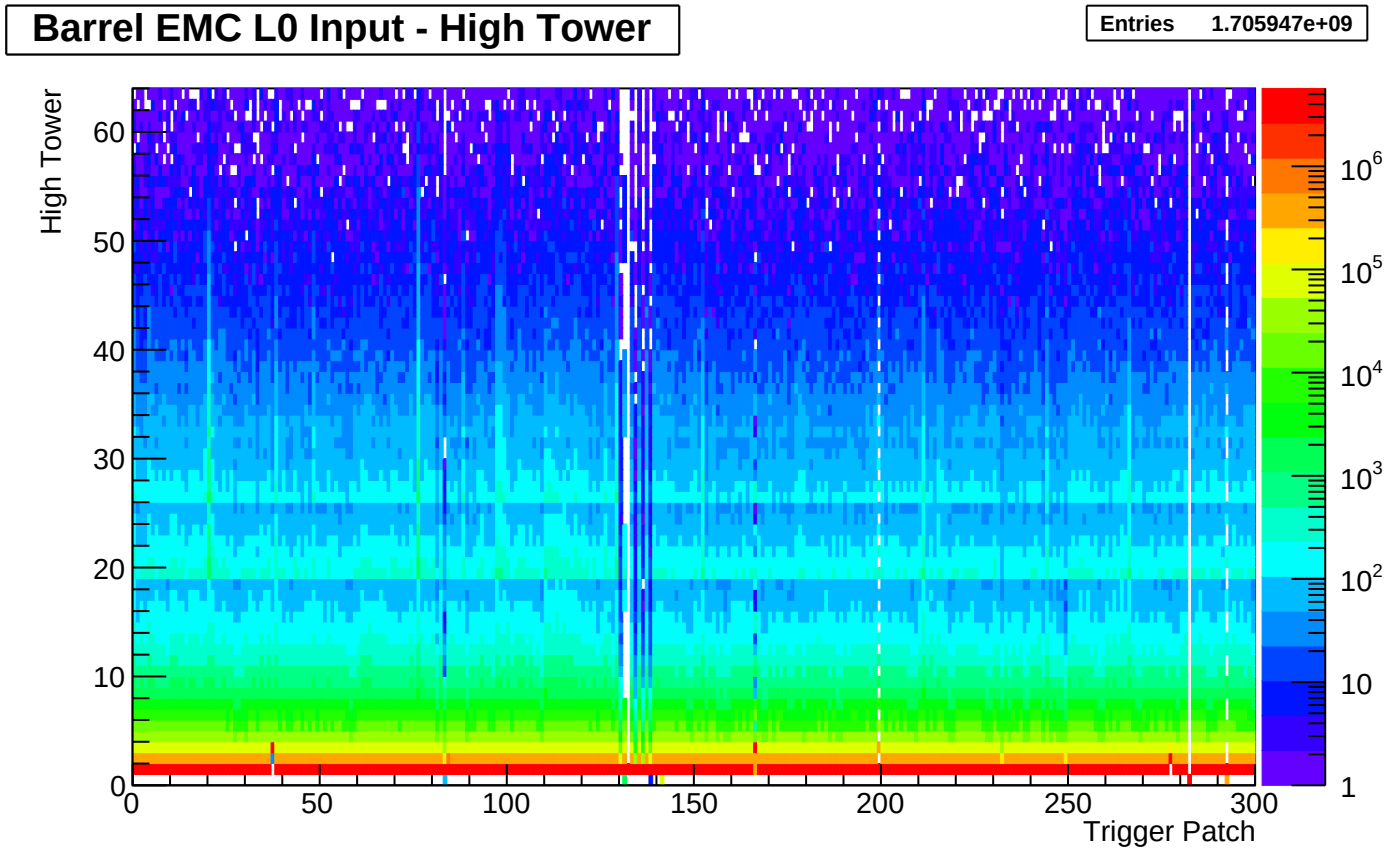
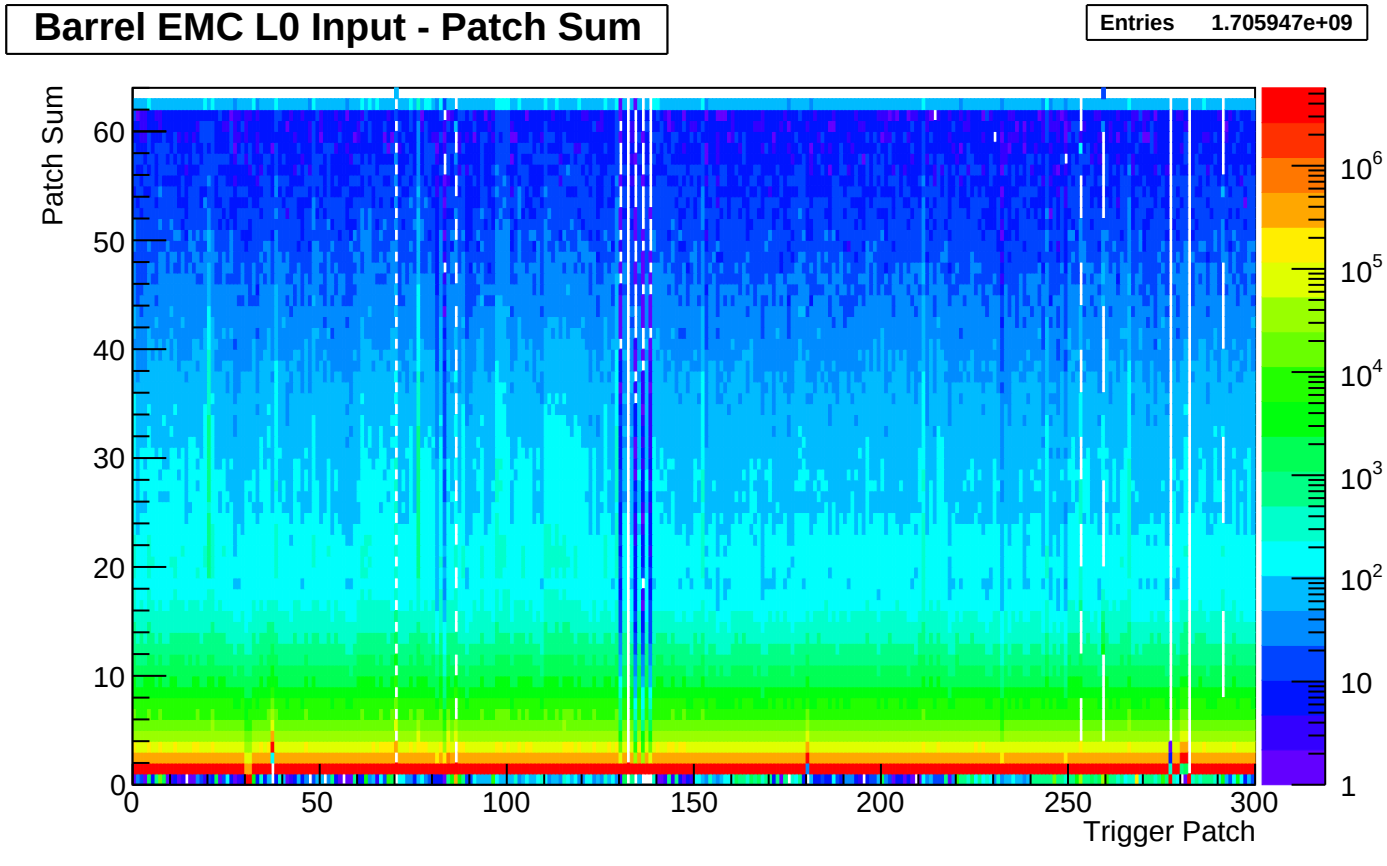
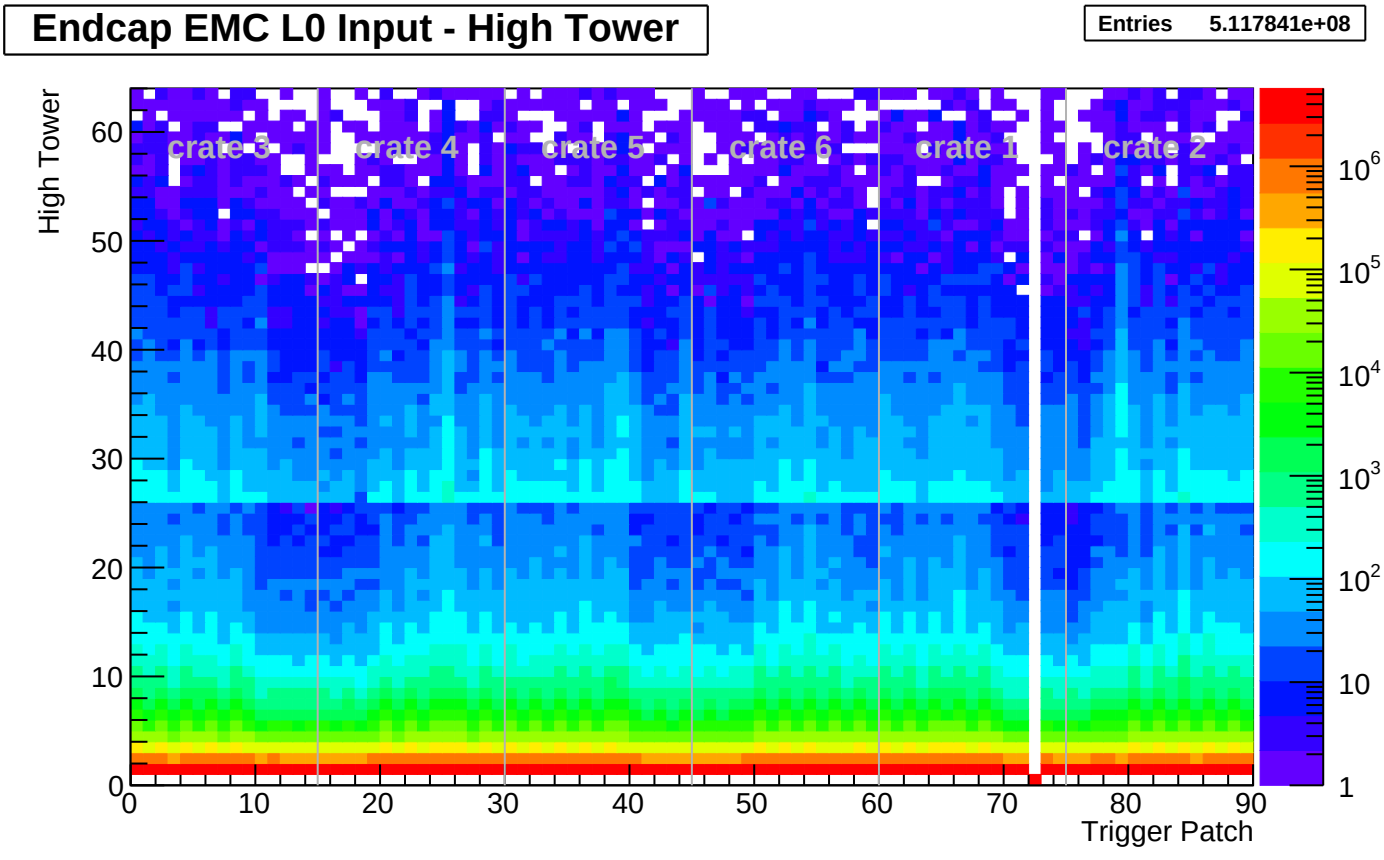
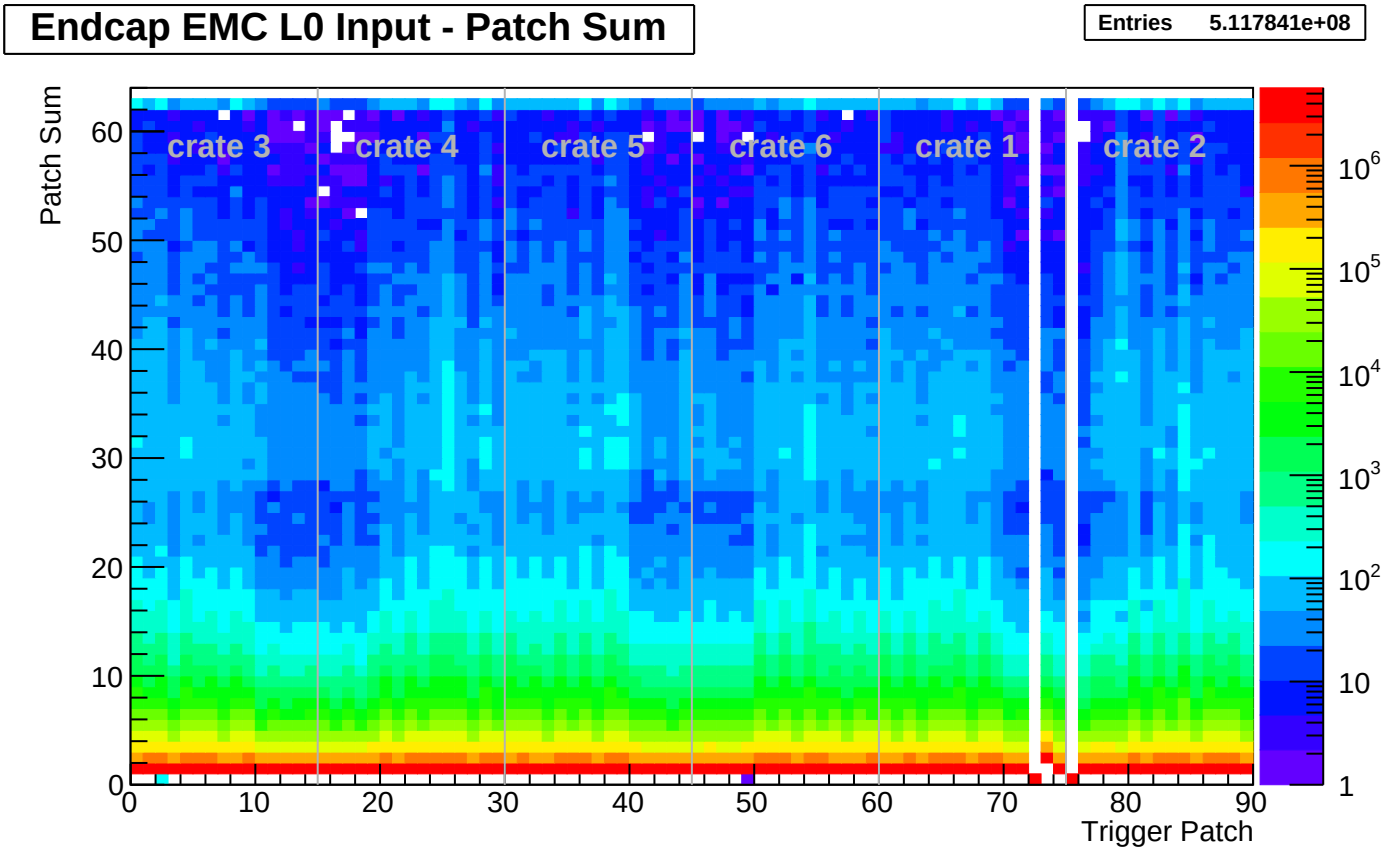
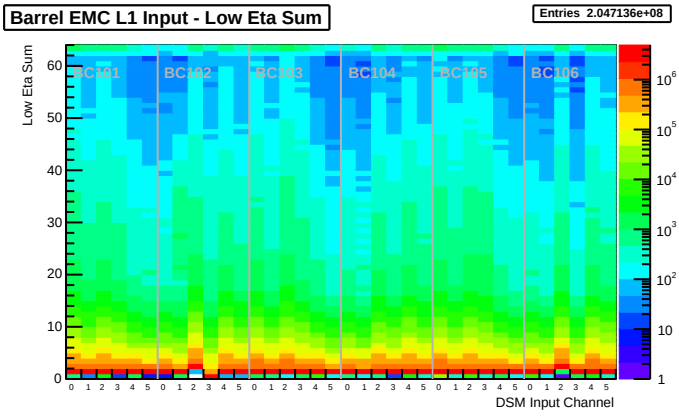
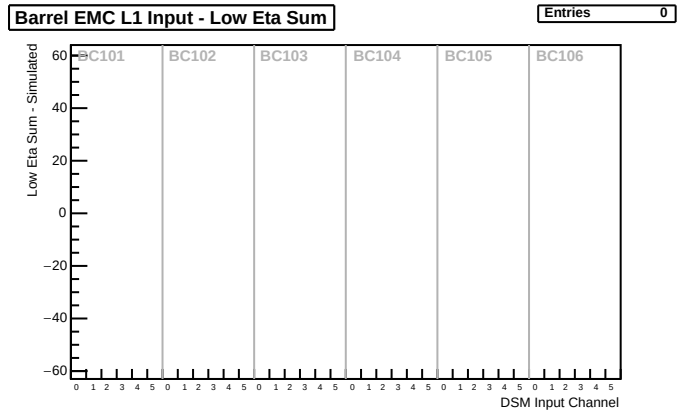

Barrel EMC L0 Input - High Tower
Entries 1.705947e+09
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

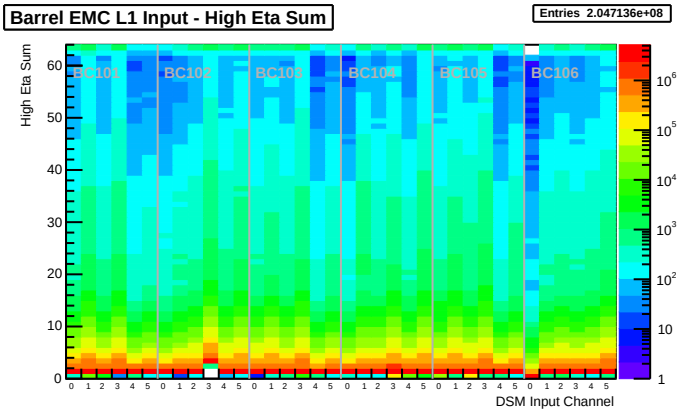

Barrel EMC L0 Input - Patch Sum
Entries 1.705947e+09
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

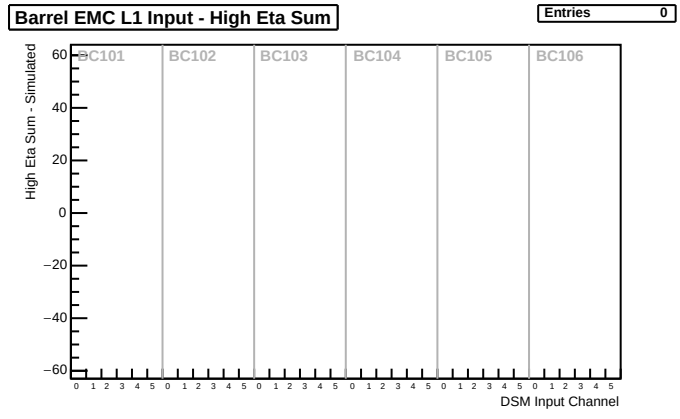

Endcap EMC L0 Input - High Tower
Entries 5.117841e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

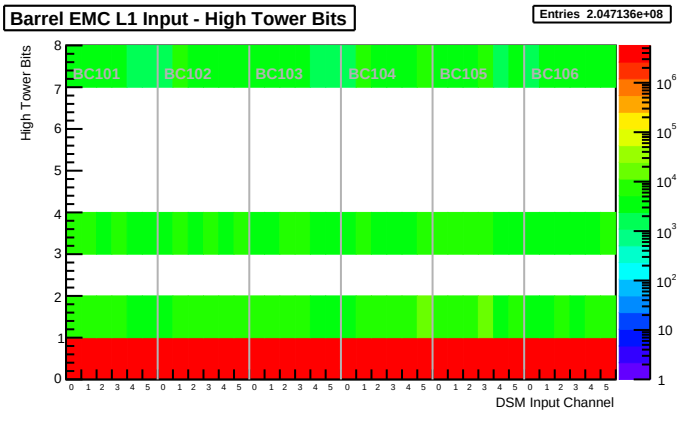

Endcap EMC L0 Input - Patch Sum
Entries 5.117841e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

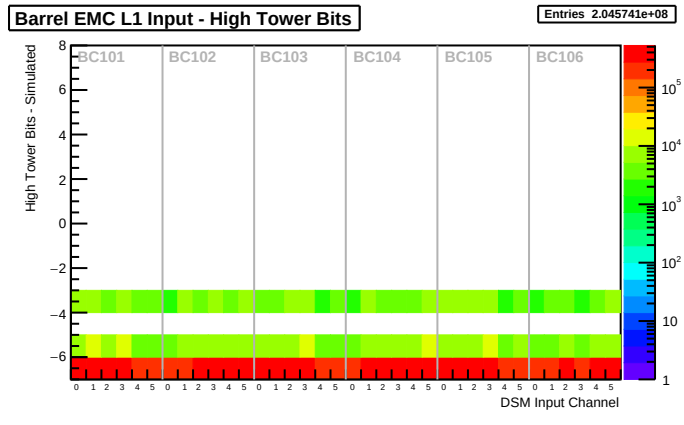

Barrel EMC L1 Input - Low Eta Sum
Entries 2.047136e+08
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

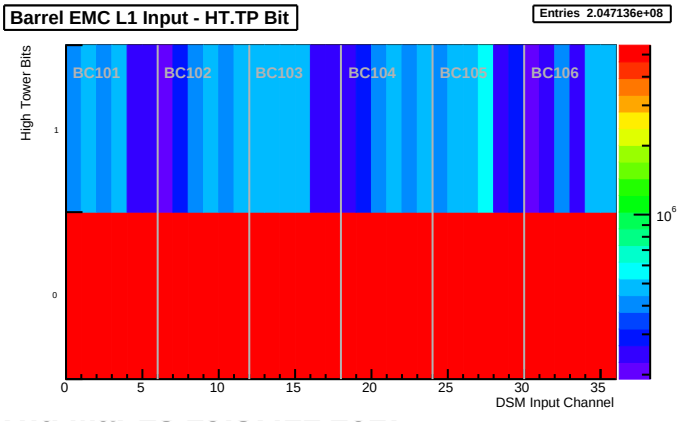

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

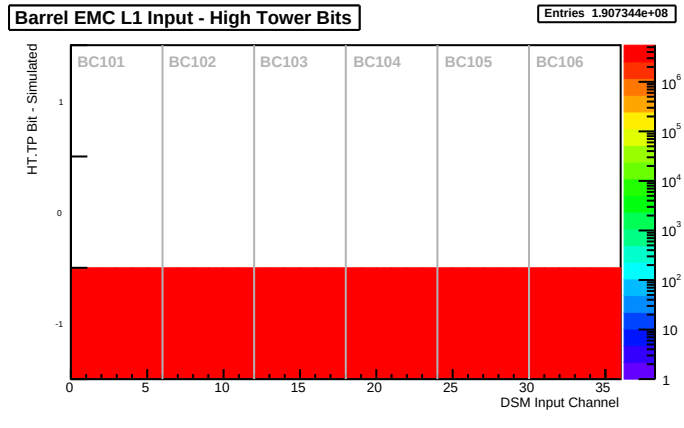

Barrel EMC L1 Input - High Eta Sum
Entries 2.047136e+08
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

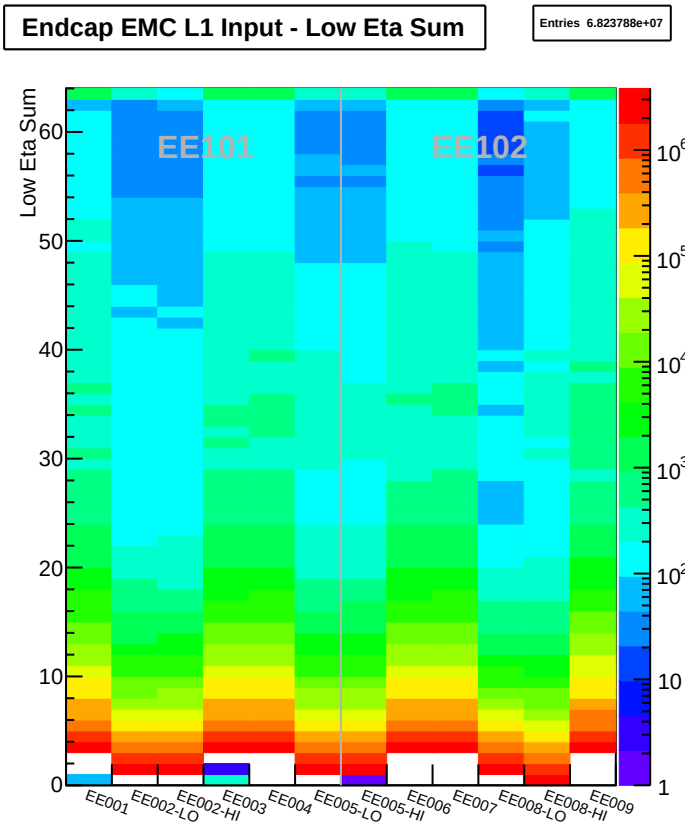

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

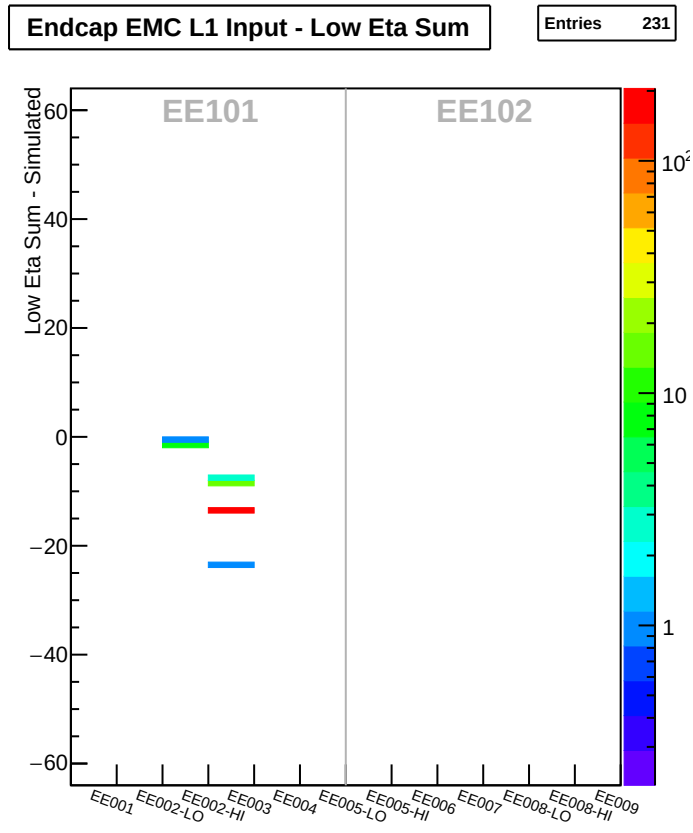

Barrel EMC L1 Input - High Tower Bits
Entries 2.047136e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

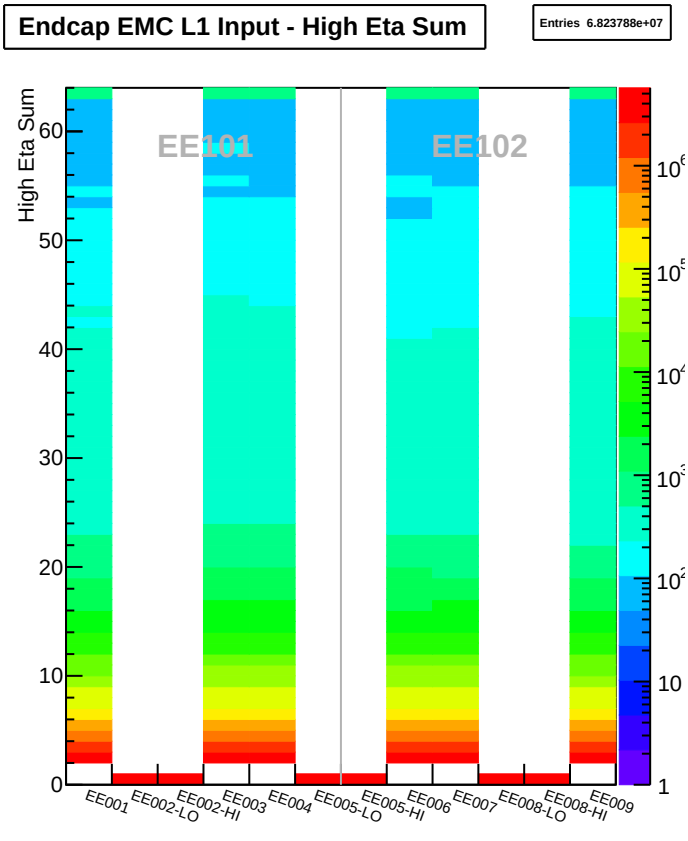

Barrel EMC L1 Input - High Tower Bits
Entries 2.045741e+08
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

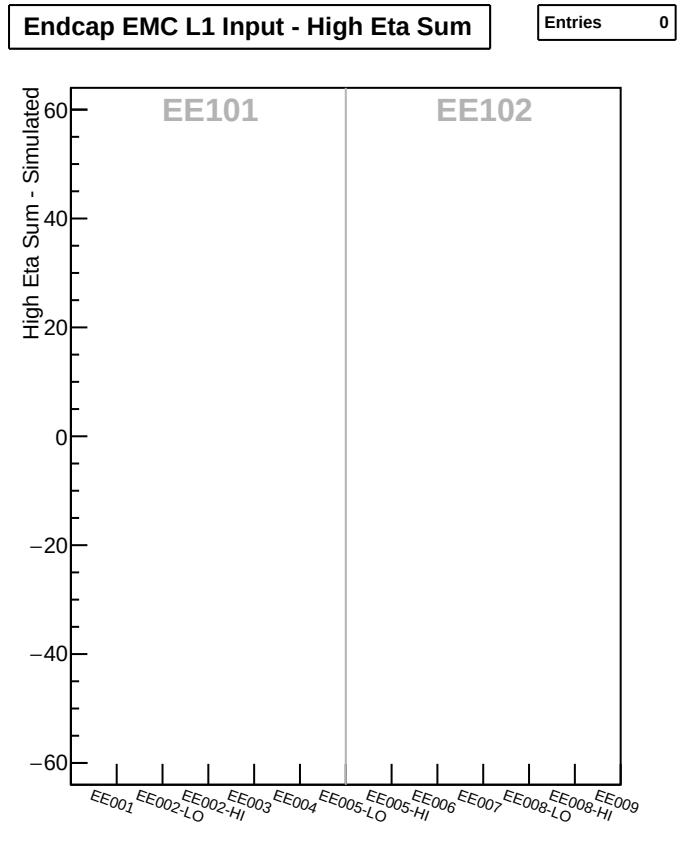

Barrel EMC L1 Input - HT.TP Bit
Entries 2.047136e+08
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

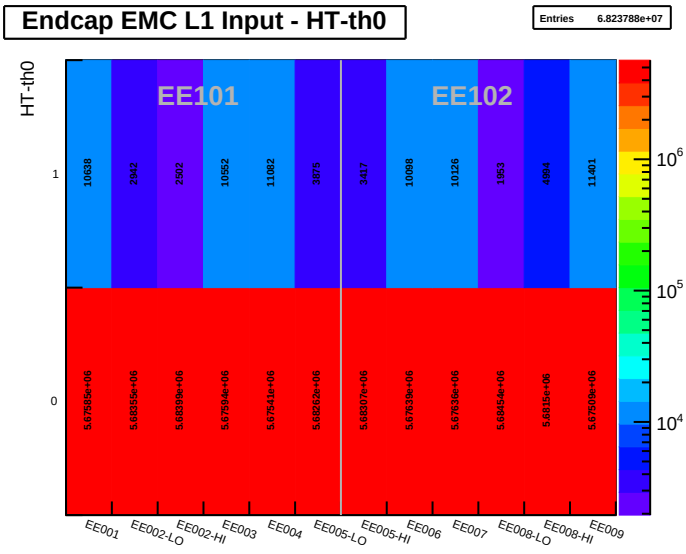

Barrel EMC L1 Input - High Tower Bits
Entries 1.907344e+08
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

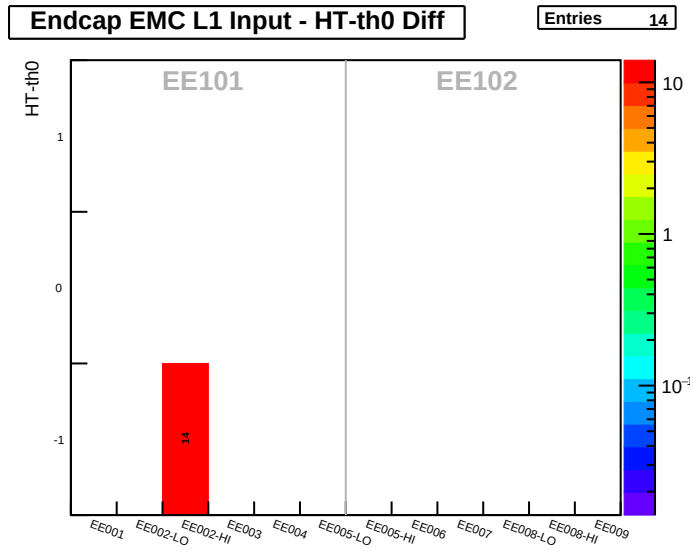

Endcap EMC L1 Input - Low Eta Sum
Entries 6.823788e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

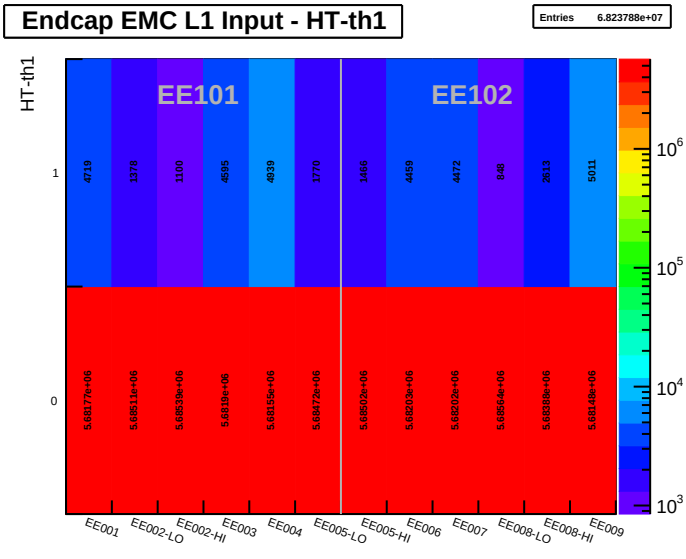

Endcap EMC L1 Input - Low Eta Sum
Entries 231
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

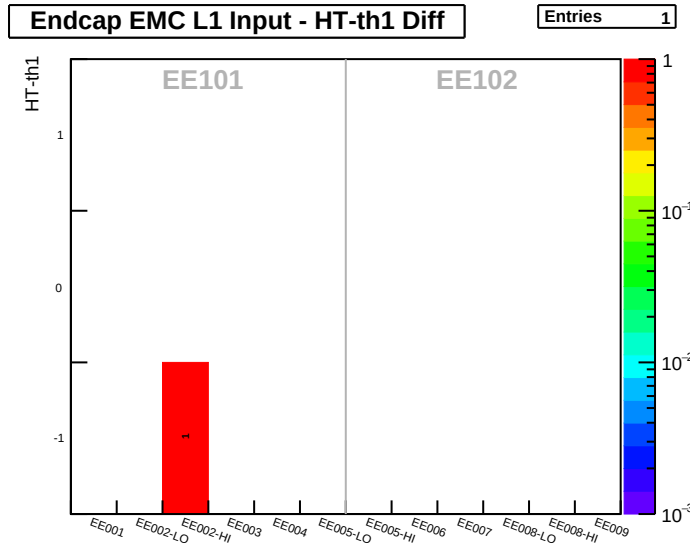

Endcap EMC L1 Input - High Eta Sum
Entries 6.823788e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

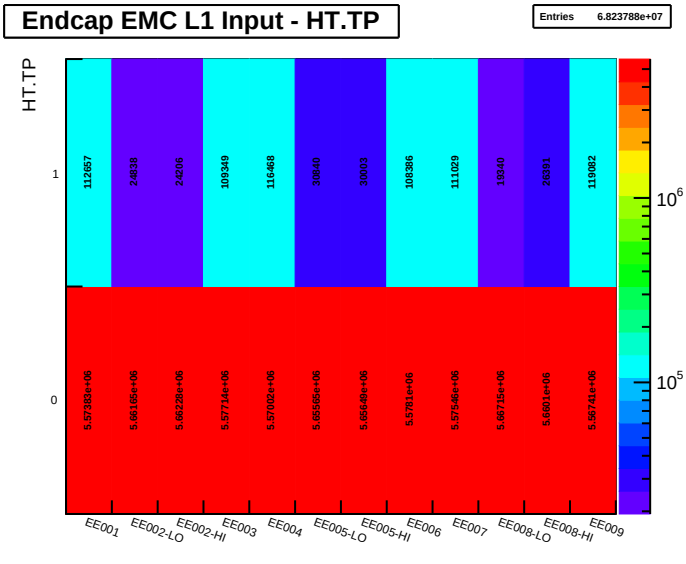

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

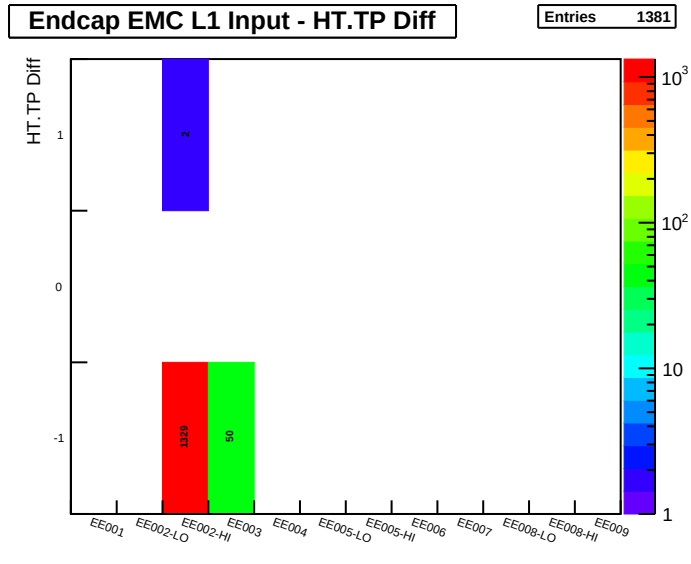

Endcap EMC L1 Input - HT-th0
Entries 6.823788e+07
HT-th0
EE101
EE102
10638
2942
2502
10952
11082
3875
3417
10098
10126
1953
4394
11401
5.67585e+06
5.68359e+06
5.68399e+06
5.67594e+06
5.67541e+06
5.69262e+06
5.68307e+06
5.67639e+06
5.67636e+06
5.69454e+06
5.6815e+06
5.67509e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

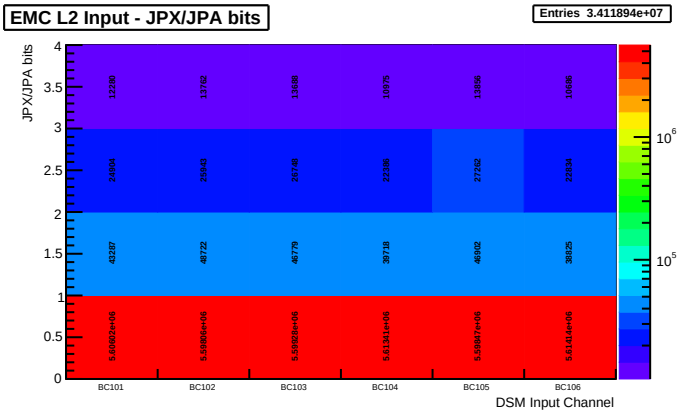

Endcap EMC L1 Input - HT-th0 Diff
Entries 14
HT-th0
EE101
EE102
14
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

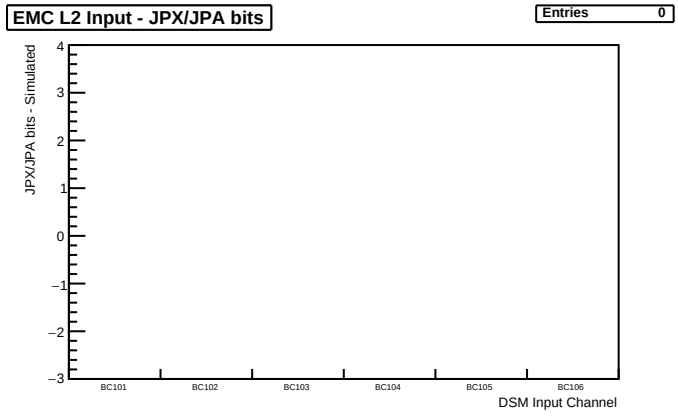

Endcap EMC L1 Input - HT-th1
Entries 6.823788e+07
HT-th1
EE101
EE102
4719
1378
1100
4595
4939
1770
1466
4459
4472
848
2613
5011
5.68177e+06
5.68511e+06
5.68530e+06
5.6819e+06
5.68155e+06
5.68472e+06
5.68502e+06
5.68203e+06
5.68202e+06
5.68564e+06
5.68398e+06
5.68148e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

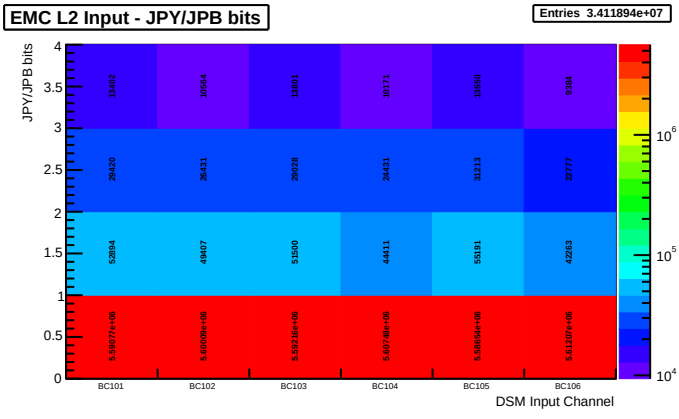

Endcap EMC L1 Input - HT-th1 Diff
Entries 1
HT-th1
EE101
EE102
1
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

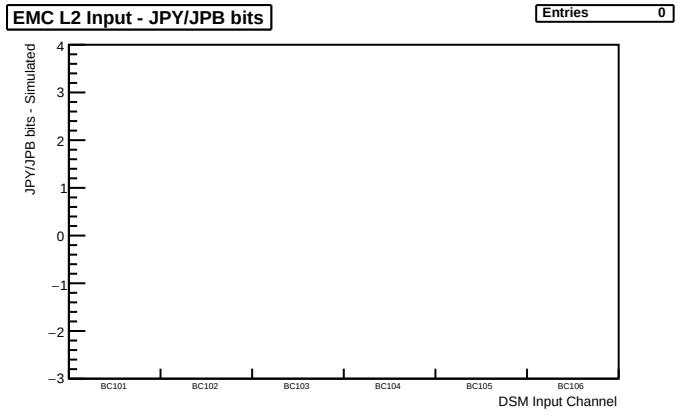

Endcap EMC L1 Input - HT.TP
Entries 6.823788e+07
HT.TP
112657
24838
24206
109349
116468
30840
30003
108386
111029
19340
26391
119082
5.57388e+06
5.66165e+06
5.66228e+06
5.57714e+06
5.57002e+06
5.65565e+06
5.65649e+06
5.5781e+06
5.57546e+06
5.66715e+06
5.6601e+06
5.56741e+06
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

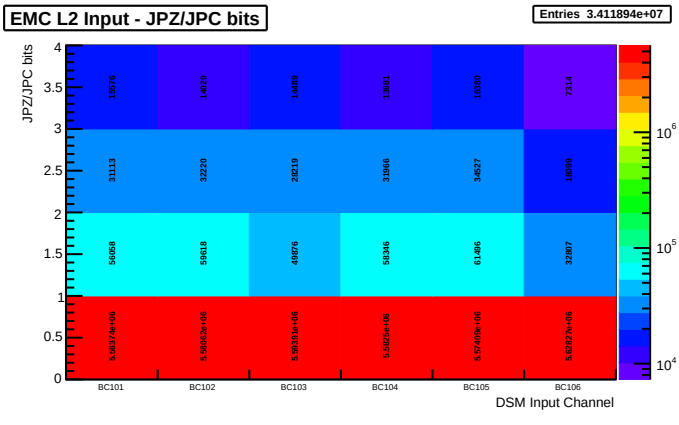

Endcap EMC L1 Input - HT.TP Diff
Entries 1381
HT.TP Diff
2
1329
50
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

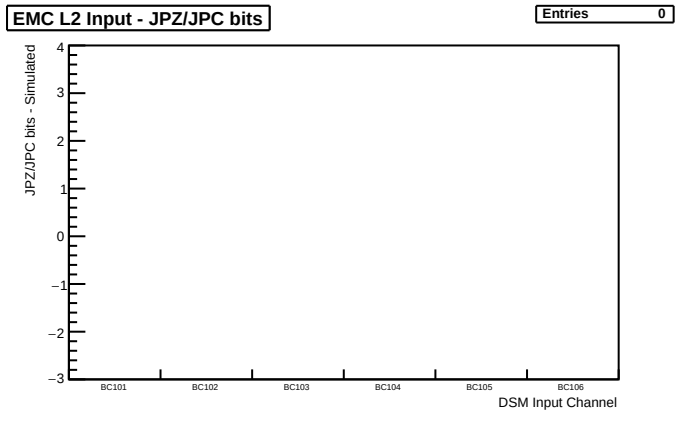

EMC L2 Input - JPX/JPA bits
Entries 3.411894e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
12230
13742
13868
10975
13856
10686
24504
25943
26746
22386
27252
22834
43287
48722
46779
39718
46902
38825
5.60602e+06
5.59806e+06
5.59928e+06
5.61361e+06
5.59847e+06
5.61414e+06

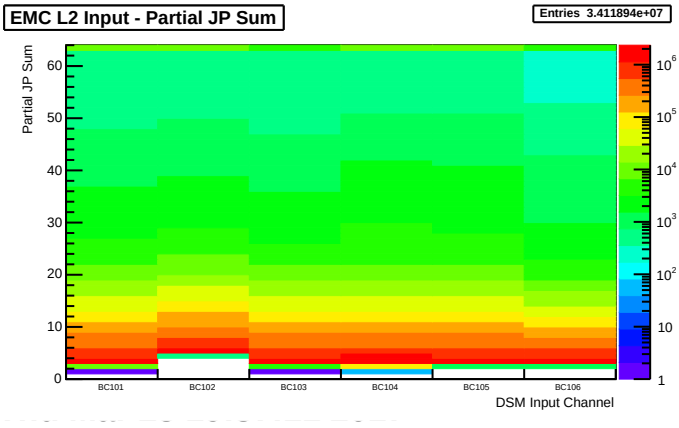

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

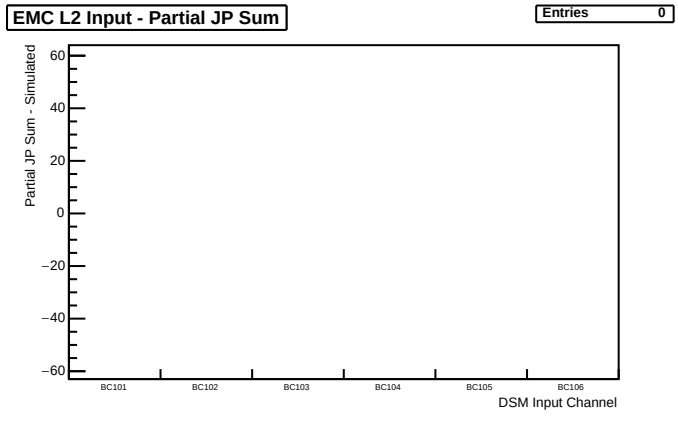

EMC L2 Input - JPY/JPB bits
Entries 3.411894e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
13402
10564
13801
10171
13550
9384
29420
26431
29028
24431
31213
22777
52894
49407
51500
44411
55191
42263
5.59077e+06
5.60909e+06
5.59216e+06
5.60748e+06
5.58594e+06
5.61207e+06

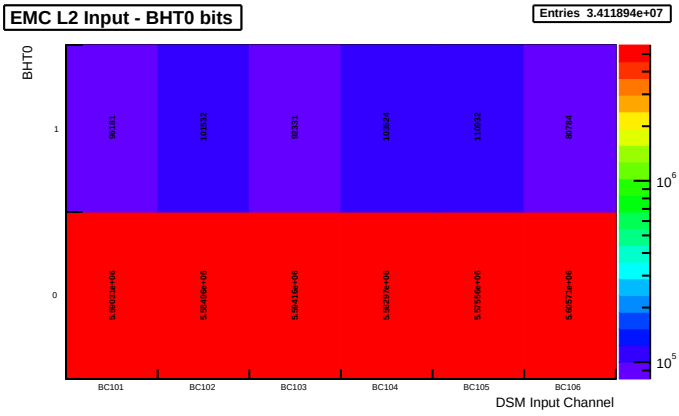

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

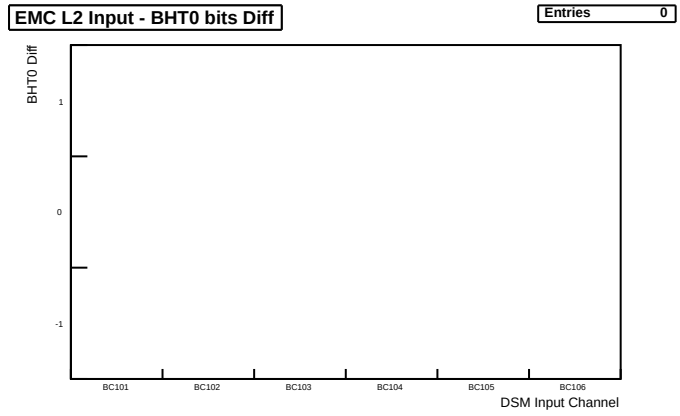

EMC L2 Input - JPZ/JPC bits
Entries 3.411894e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15576
14029
14489
13631
16380
7314
31113
32220
28219
31966
34627
18909
56058
59618
49976
58346
61496
32807
5.58374e+06
5.59052e+06
5.58391e+06
5.58825e+06
5.57459e+06
5.62827e+06

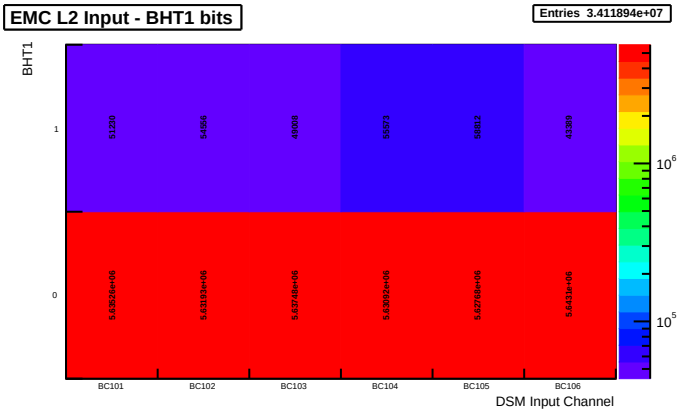

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

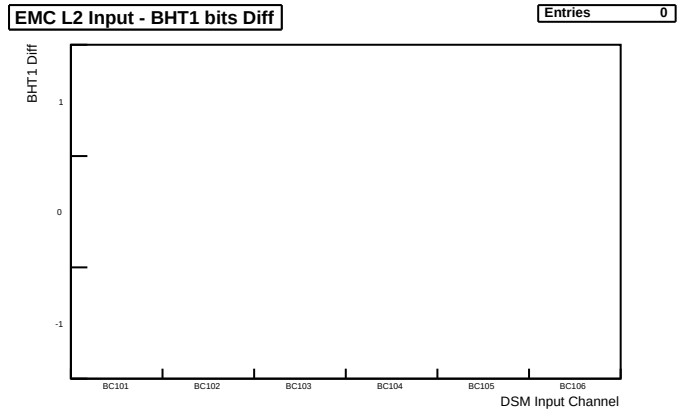

EMC L2 Input - Partial JP Sum
Entries 3.411894e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

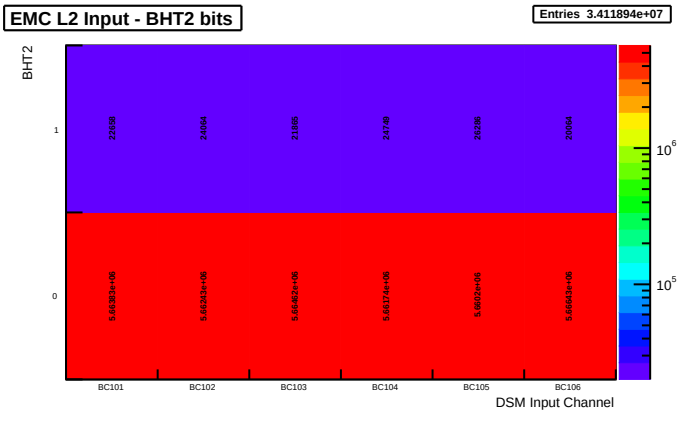

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

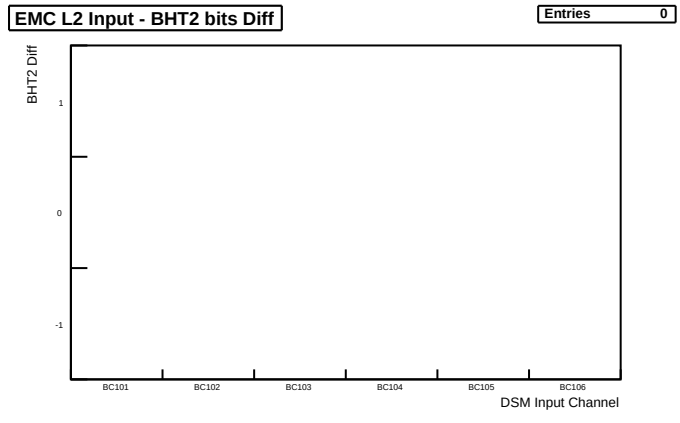

EMC L2 Input - BHT0 bits
Entries 3.411894e+07
BHT0
96181
101532
92331
103524
110332
89784
5.59031e+06
5.58496e+06
5.59416e+06
5.59297e+06
5.57956e+06
5.60579e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

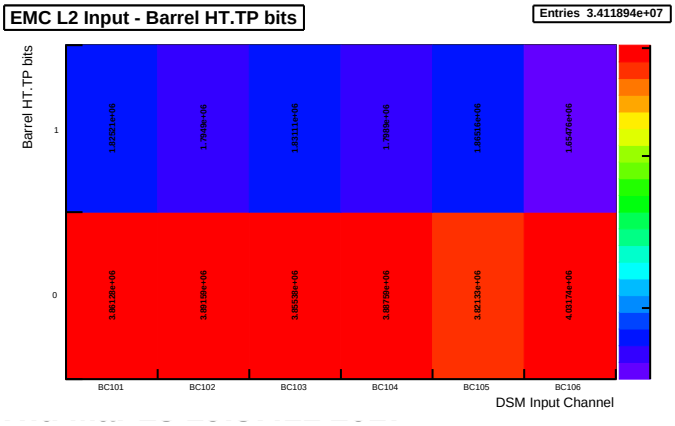

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

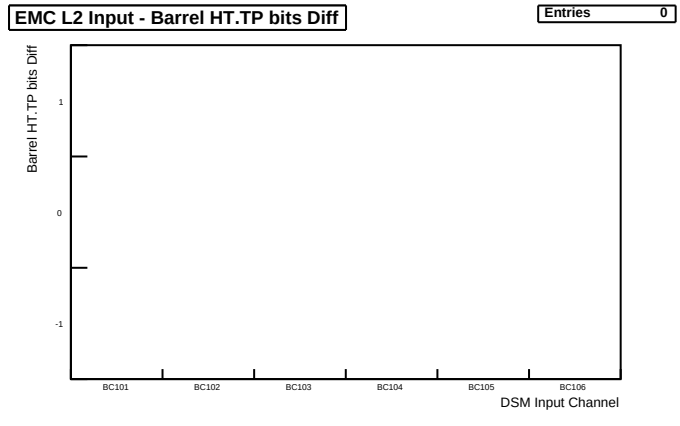

EMC L2 Input - BHT1 bits
Entries 3.411894e+07
BHT1
51240
54956
49008
55573
53812
43389
5.63526e+06
5.63193e+06
5.63749e+06
5.63922e+06
5.62768e+06
5.64318e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

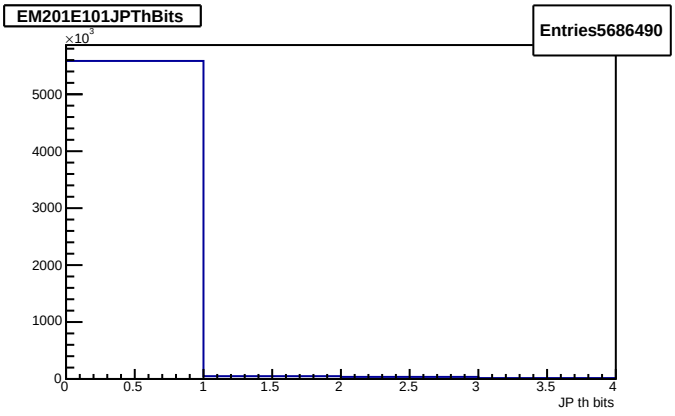

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

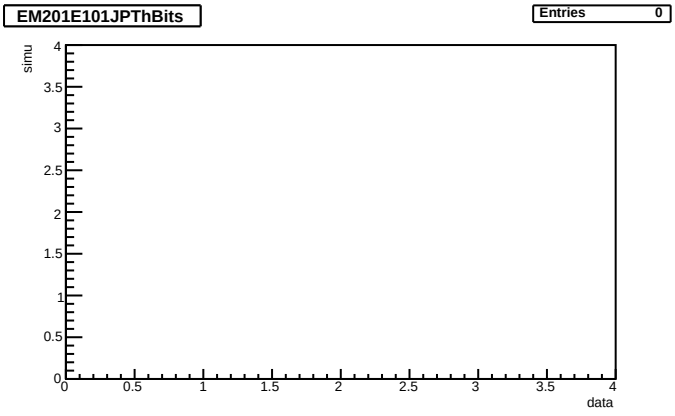

EMC L2 Input - BHT2 bits
Entries 3.411894e+07
BHT2
22538
24064
21365
24749
26288
20064
5.65835e+06
5.65263e+06
5.65462e+06
5.66174e+06
5.66092e+06
5.66563e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

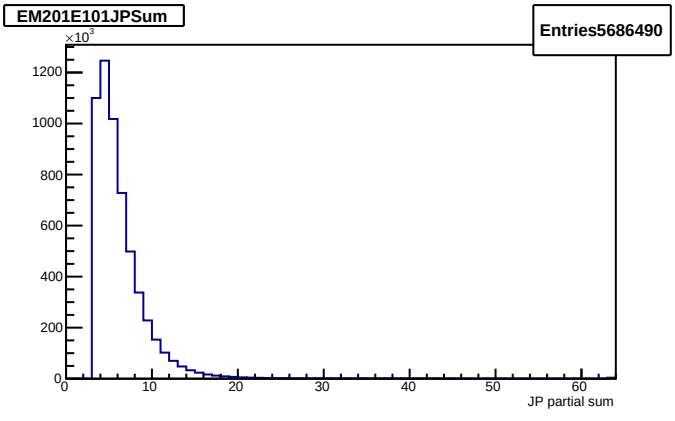

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

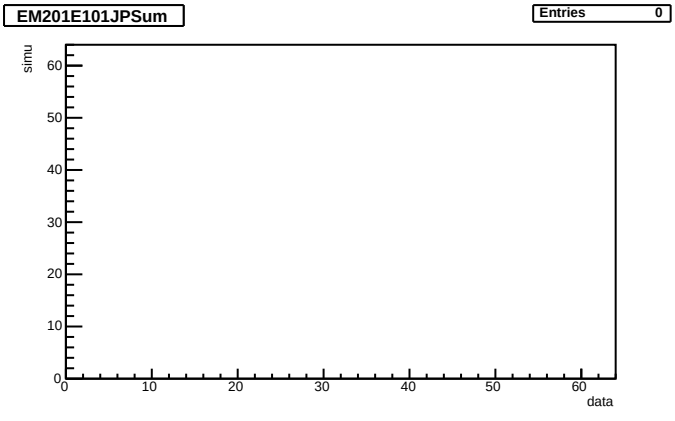

EMC L2 Input - Barrel HT.TP bits
Entries 3.411894e+07
Barrel HT.TP bits
1.82521e+06
1.7949e+06
1.83113e+06
1.7939e+06
1.86516e+06
1.65476e+06
3.86128e+06
3.89159e+06
3.85538e+06
3.88759e+06
3.82133e+06
4.03174e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

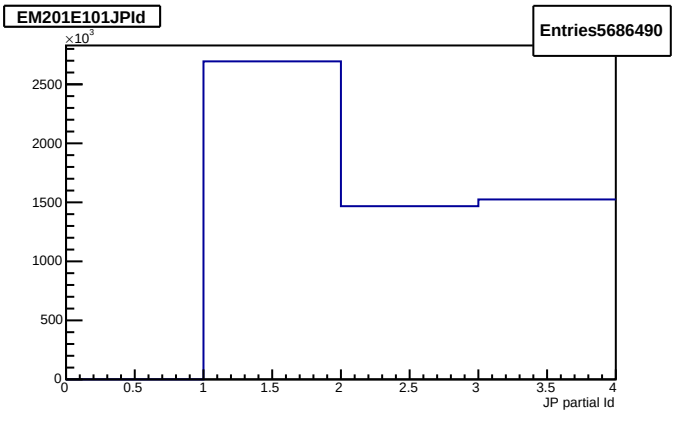

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

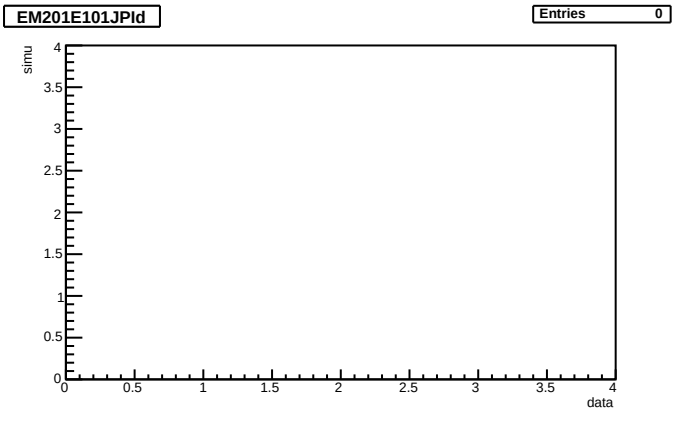

EM201E101JPThBits
Entries5686490
×10^3
JP th bits

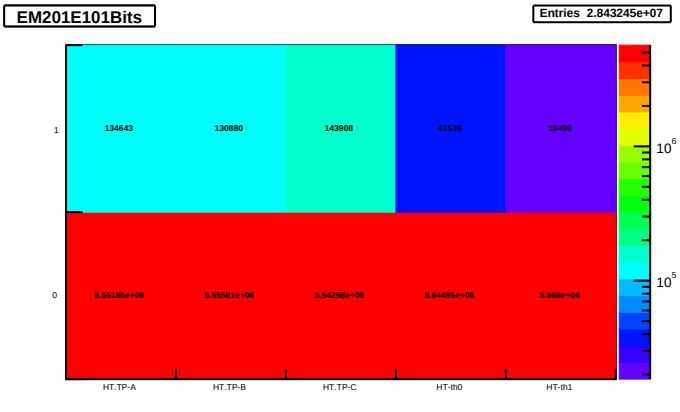

EM201E101JPThBits
Entries 0
simu
data

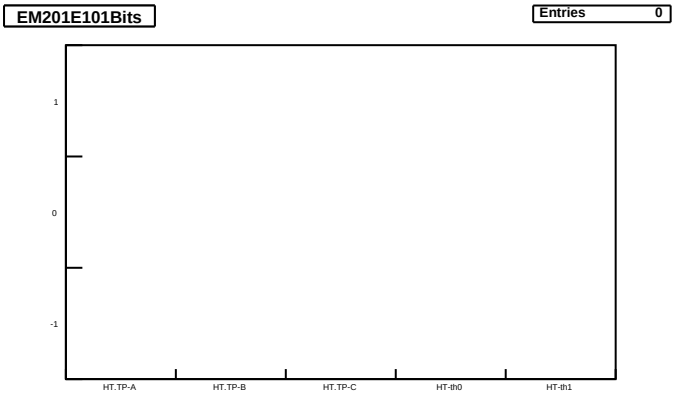

EM201E101JPSum
Entries5686490
×10^3
JP partial sum

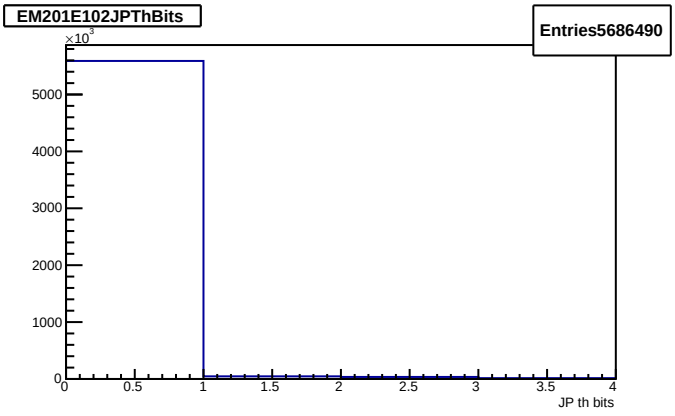

EM201E101JPSum
Entries 0
simu
data

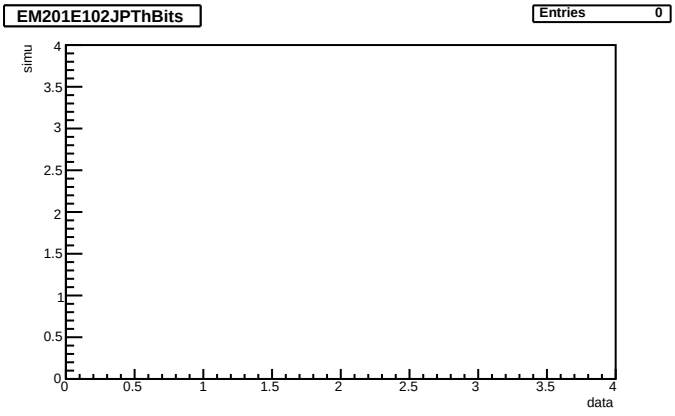

EM201E101JPId
Entries5686490
×10^3
JP partial Id

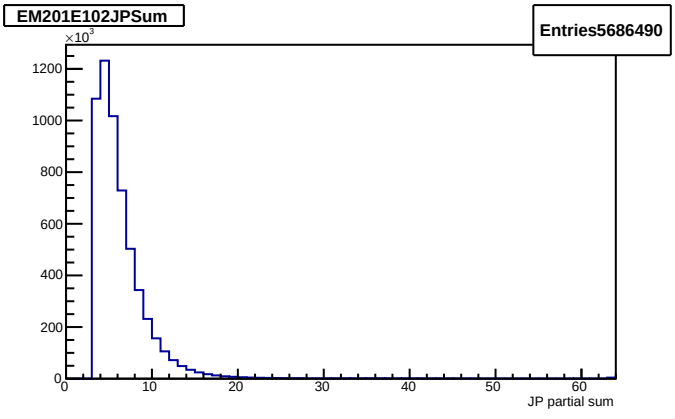

EM201E101JPId
Entries 0
simu
data

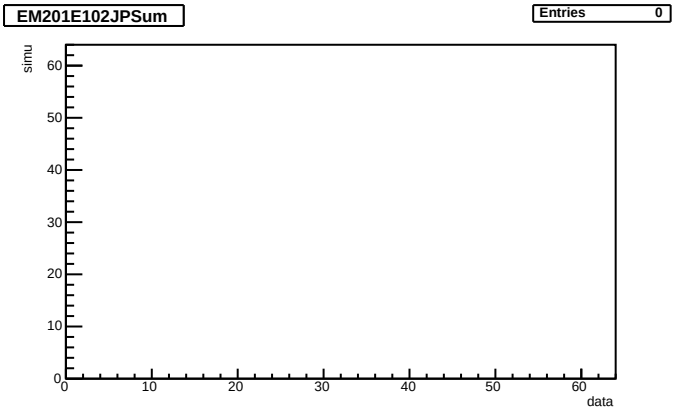

EM201E101Bits
Entries 2.843245e+07
134643
130880
143908
41539
18490
5.55185e+06
5.55561e+06
5.54258e+06
5.64495e+06
5.668e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

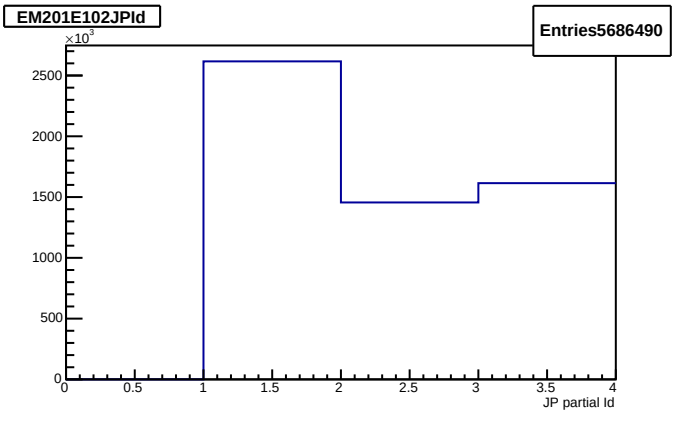

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

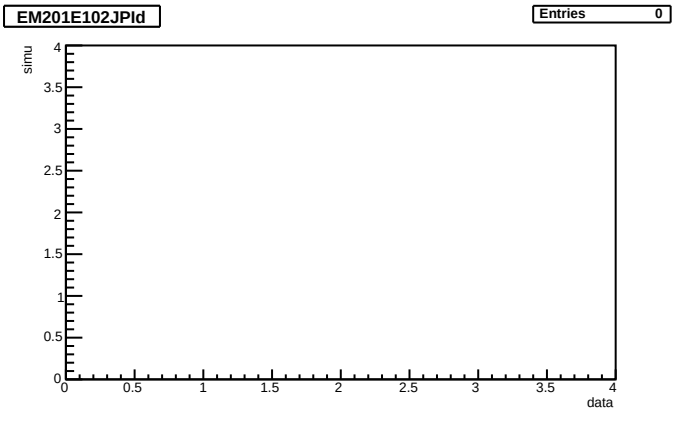

EM201E102JPThBits
Entries5686490
×10^3
JP th bits

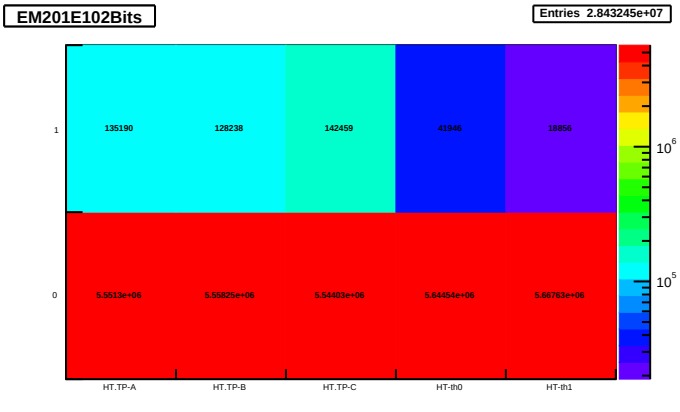

EM201E102JPThBits
Entries 0
simu
data

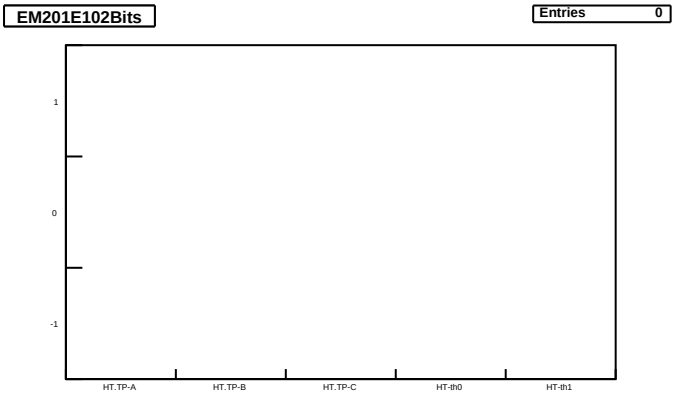

EM201E102JPSum
Entries5686490
×10^3
JP partial sum

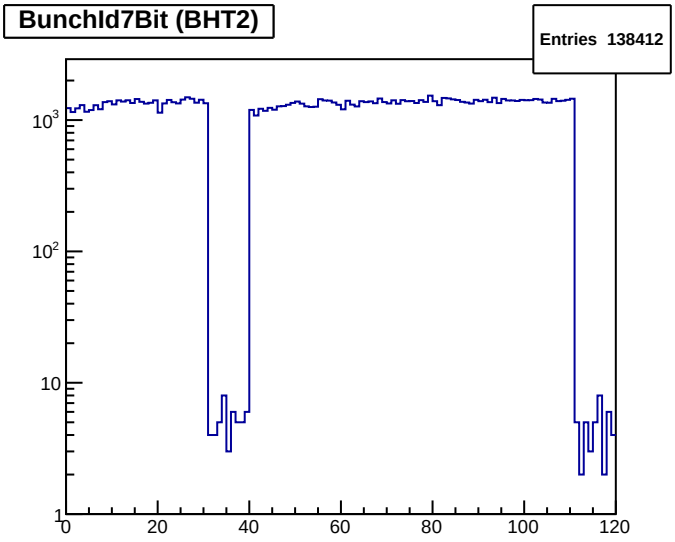

EM201E102JPSum
Entries 0
simu
data

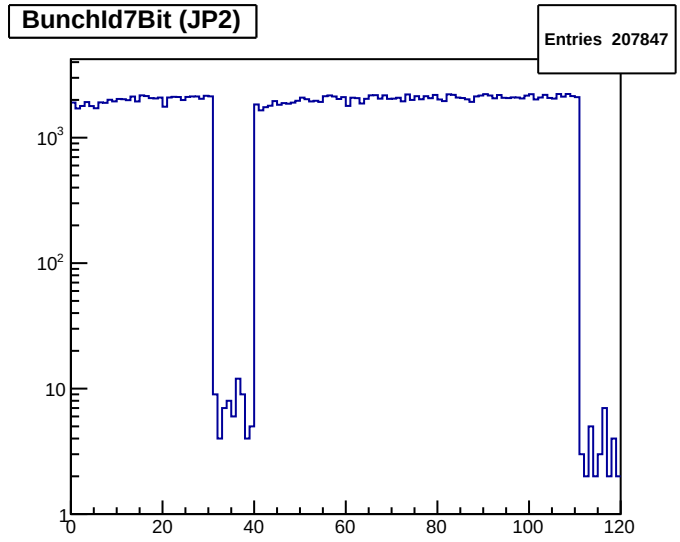

EM201E102JPId
Entries5686490
×10^3
JP partial Id

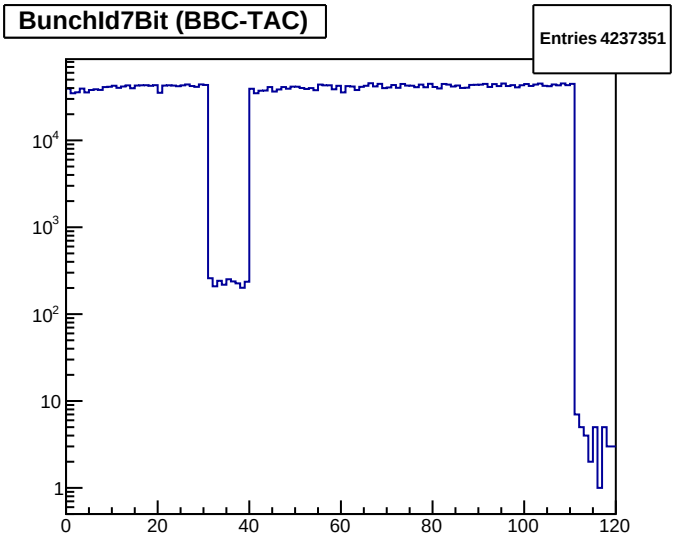

EM201E102JPId
Entries 0
simu
data

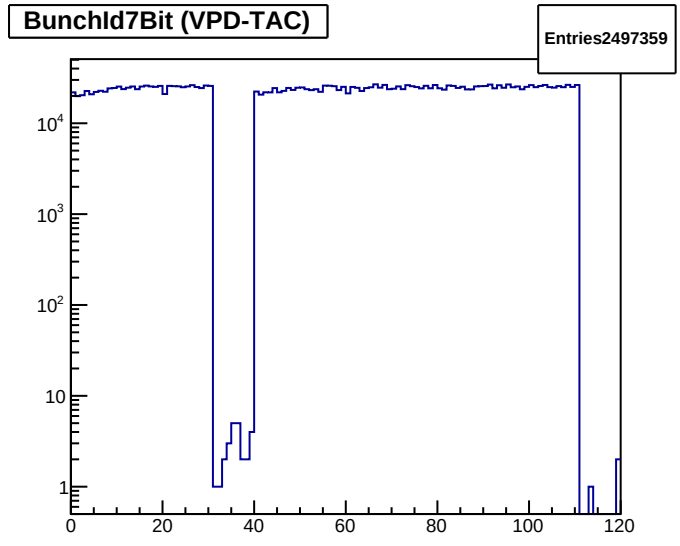

EM201E102Bits
Entries 2.843245e+07
135190
128238
142459
41946
18856
5.5513e+06
5.55825e+06
5.54403e+06
5.64454e+06
5.66763e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

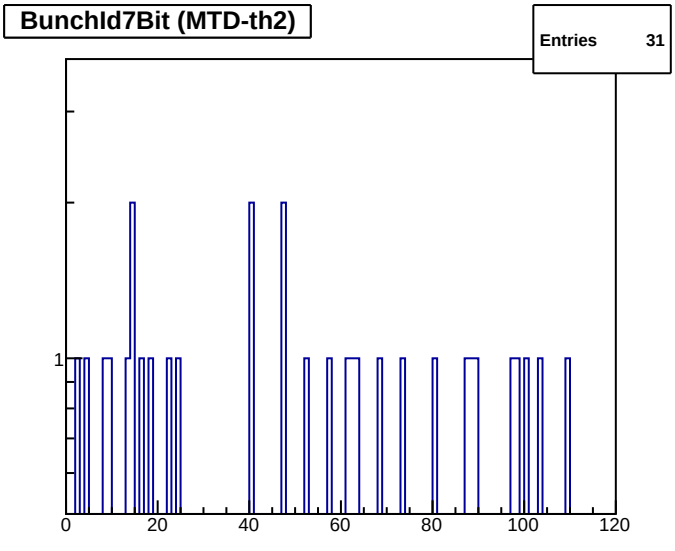

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

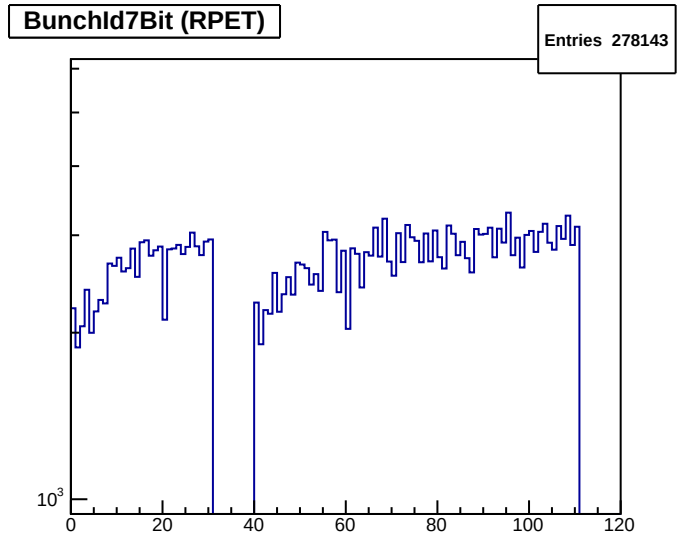

BunchId7Bit (BHT2)
Entries 138412

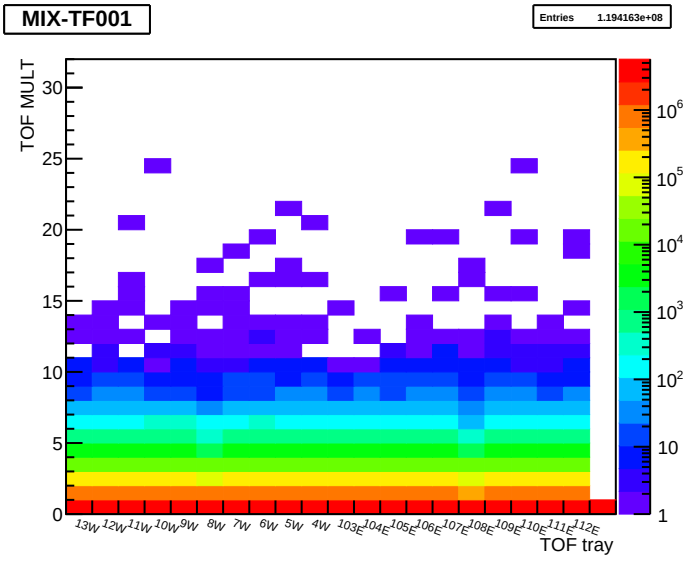

BunchId7Bit (JP2)
Entries 207847

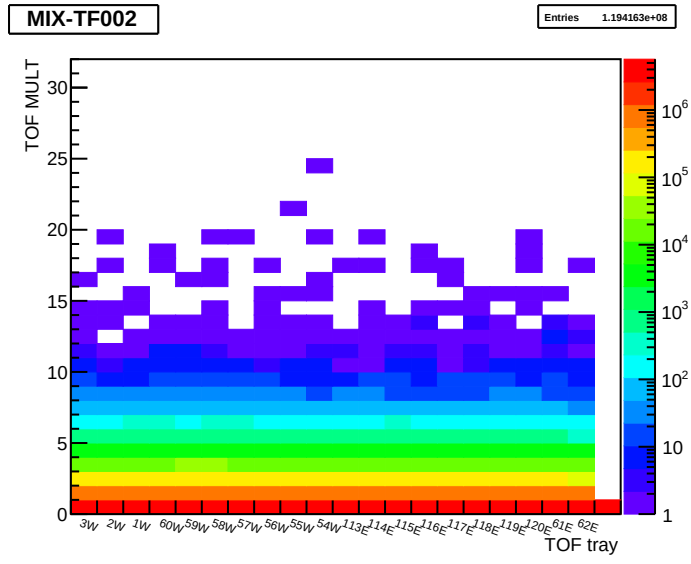

BunchId7Bit (BBC-TAC)
Entries 4237351

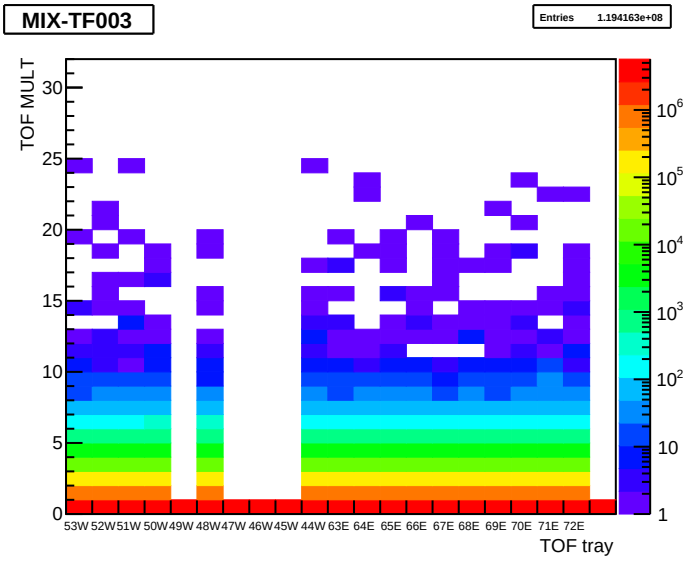

BunchId7Bit (VPD-TAC)
Entries2497359

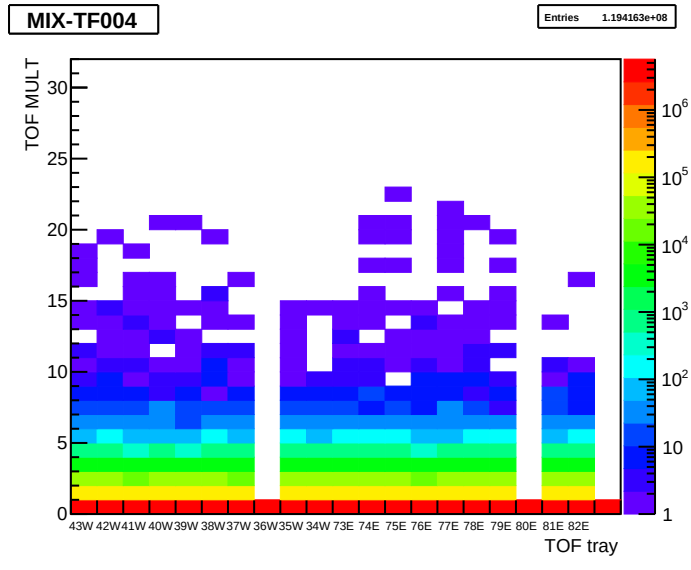

BunchId7Bit (MTD-th2)
Entries 31

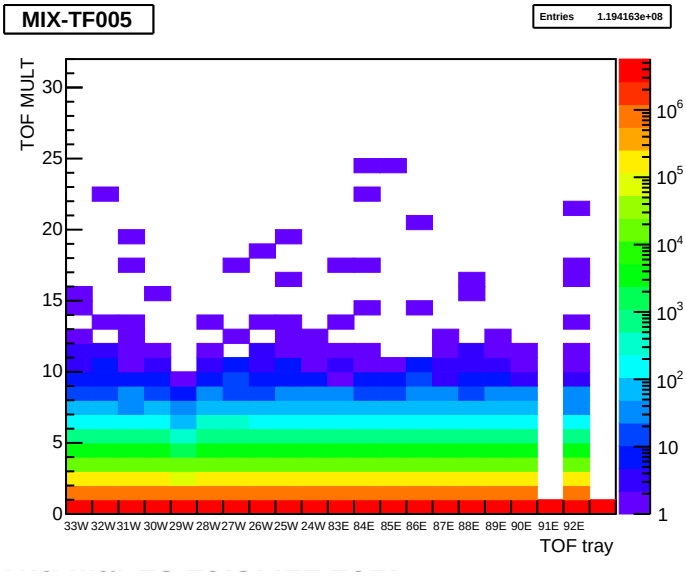

BunchId7Bit (RPET)
Entries 278143

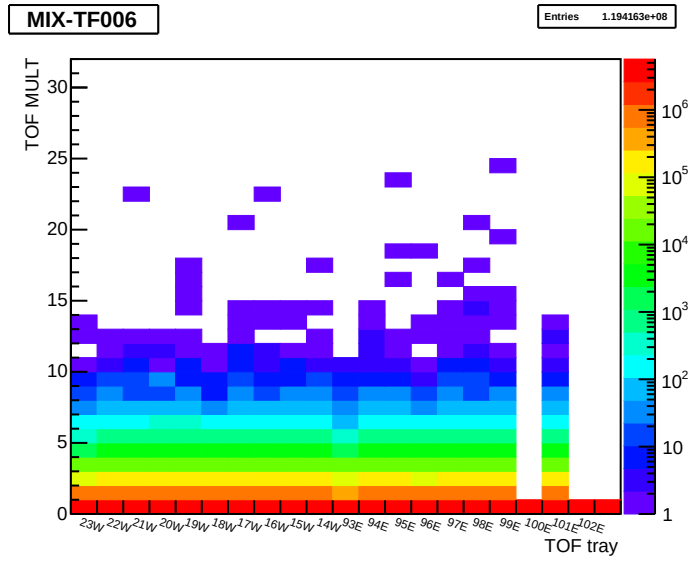

MIX-TF001
Entries 1.194163e+08
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

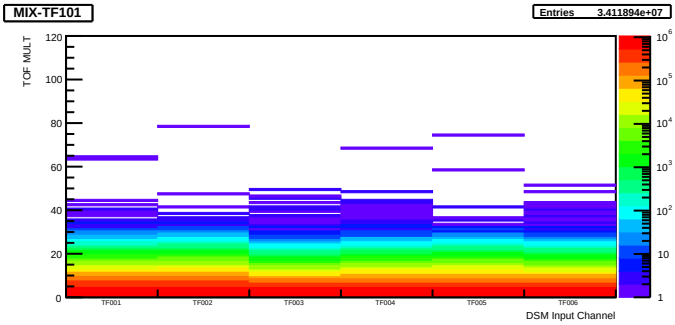

MIX-TF002
Entries 1.194163e+08
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

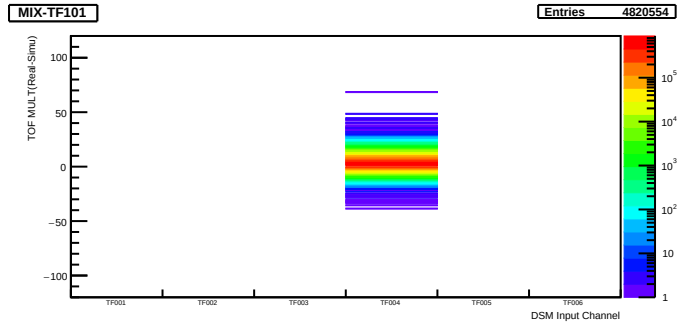

MIX-TF003
Entries 1.194163e+08
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

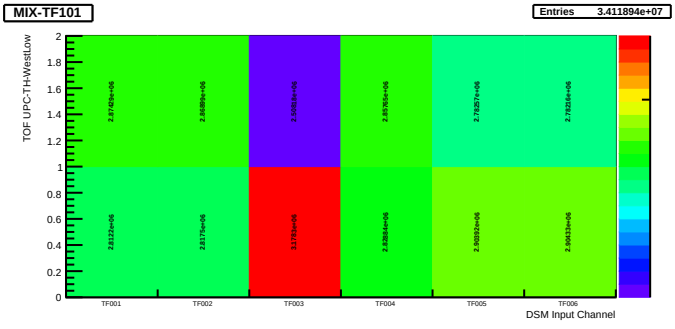

MIX-TF004
Entries 1.194163e+08
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

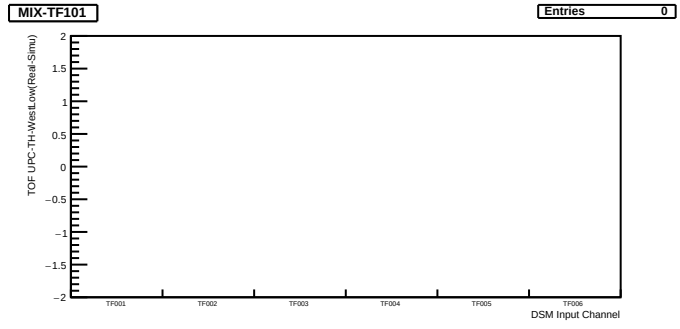

MIX-TF005
Entries 1.194163e+08
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

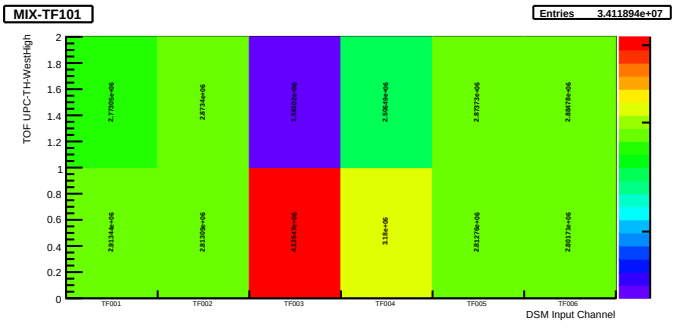

MIX-TF006
Entries 1.194163e+08
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

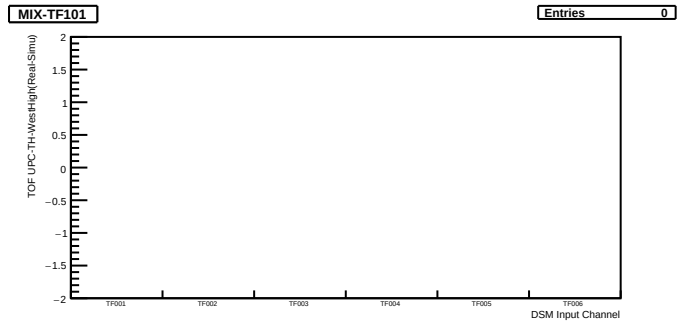

MIX-TF101
Entries 3.411894e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

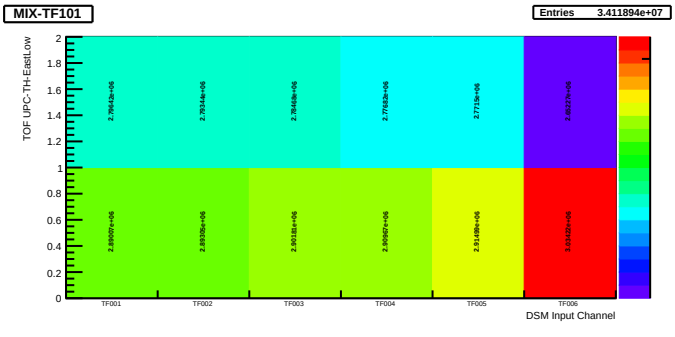

MIX-TF101
Entries 4820554
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

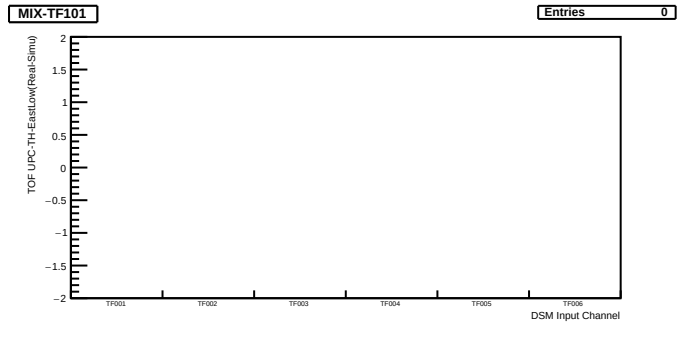

MIX-TF101
Entries 3.411894e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

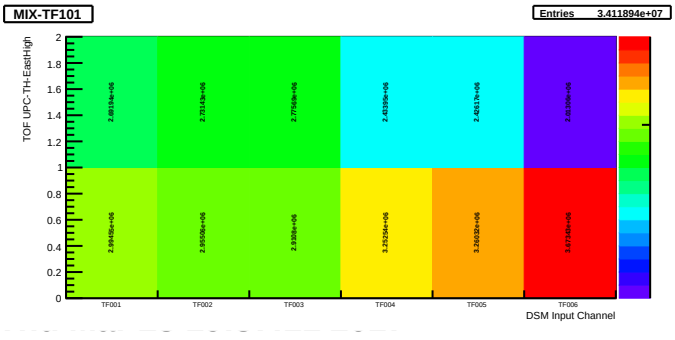

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

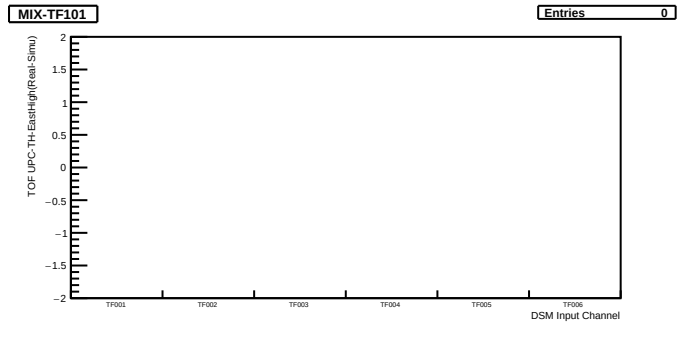

MIX-TF101
Entries 3.411894e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

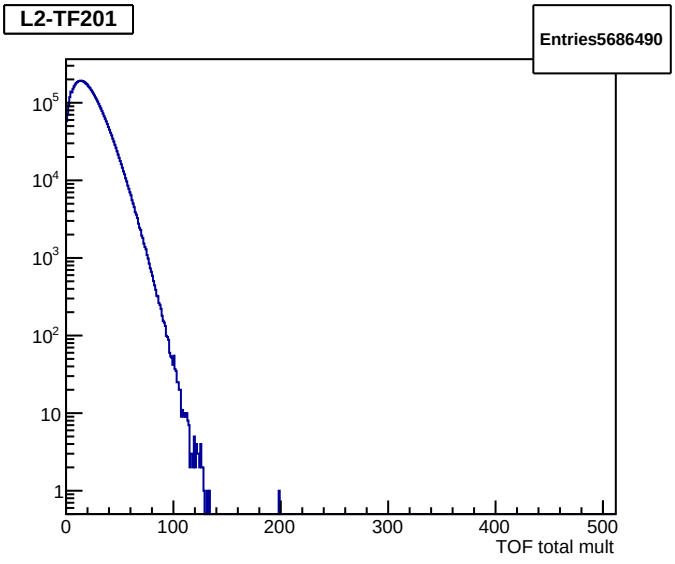

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

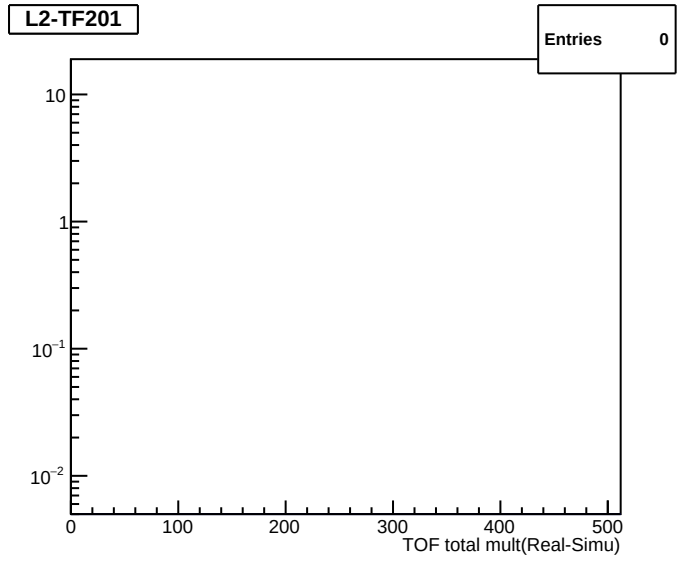

MIX-TF101
Entries 3.411894e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

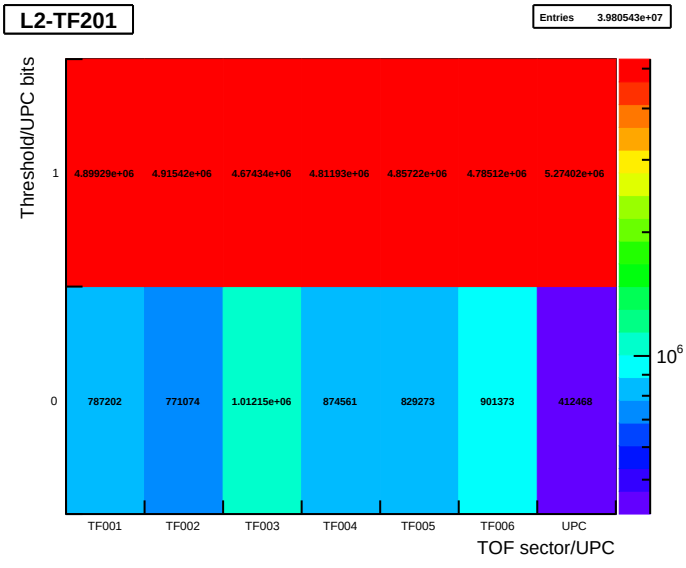

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

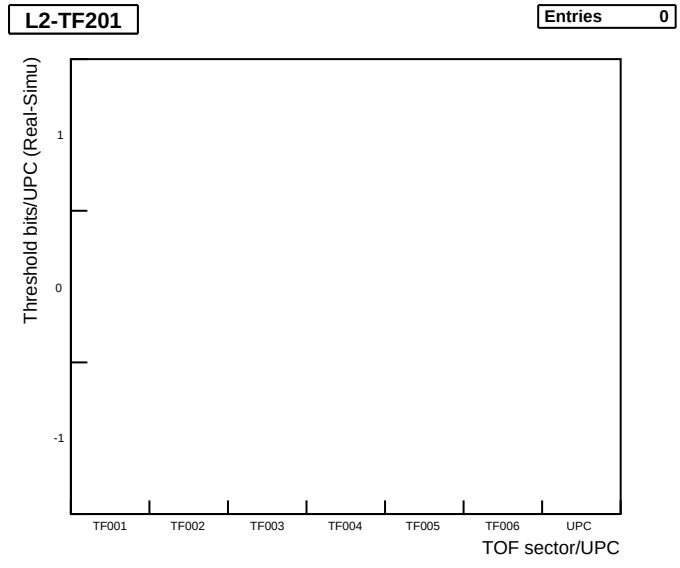

MIX-TF101
Entries 3.411894e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

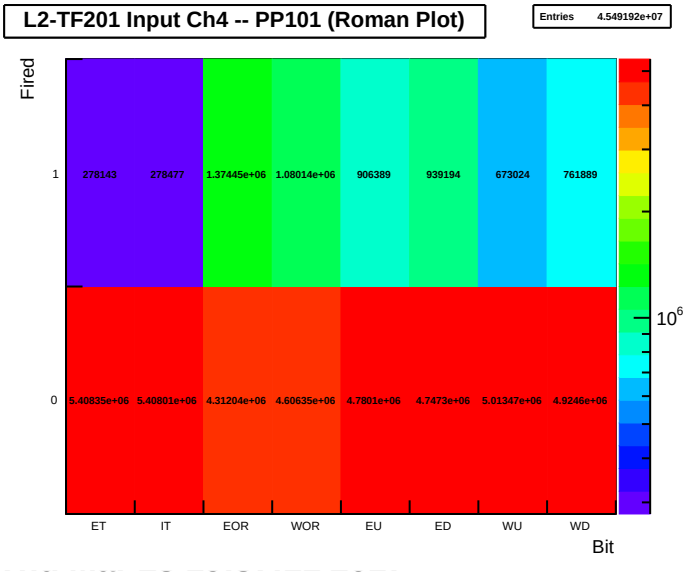

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

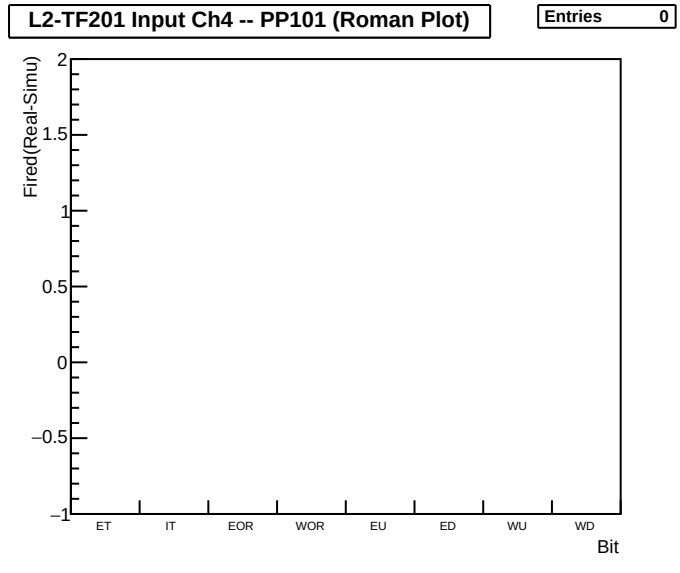

L2-TF201
Entries5686490
TOF total mult

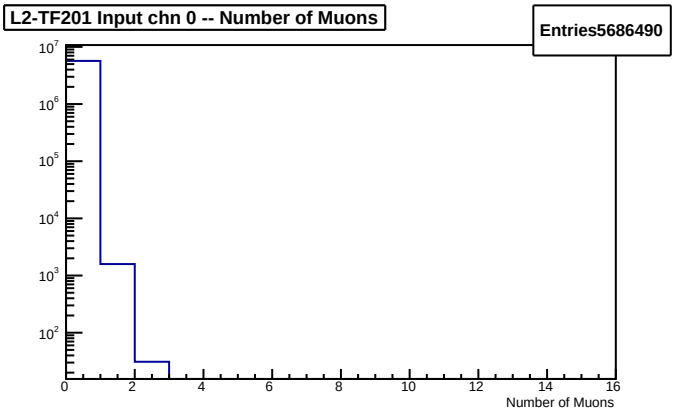

L2-TF201
Entries 0
TOF total mult(Real-Simu)

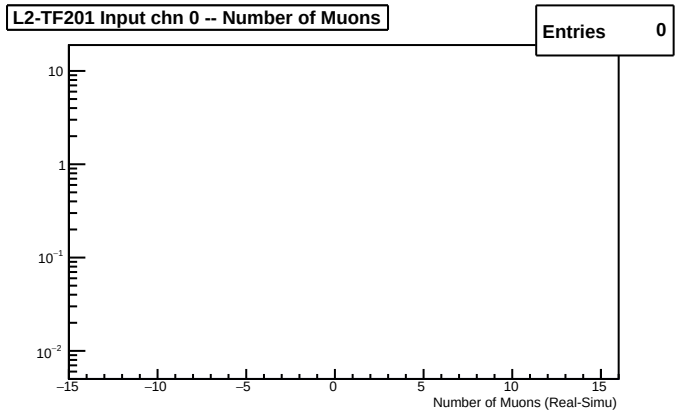

L2-TF201
Entries 3.980543e+07
Threshold/UPC bits
4.89929e+06
4.91542e+06
4.67434e+06
4.81193e+06
4.85722e+06
4.78512e+06
5.27402e+06
787202
771074
1.01215e+06
874561
829273
901373
412468
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

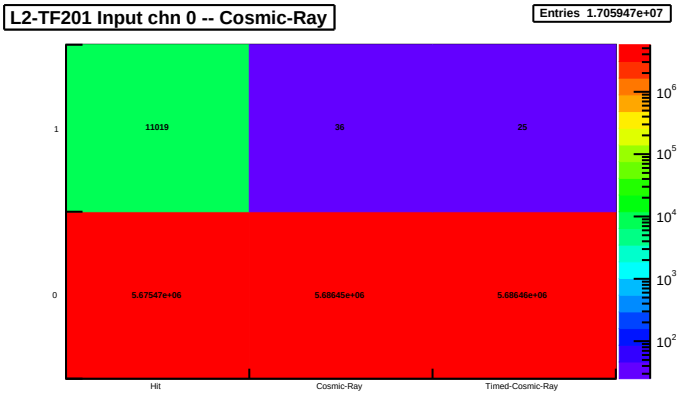

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

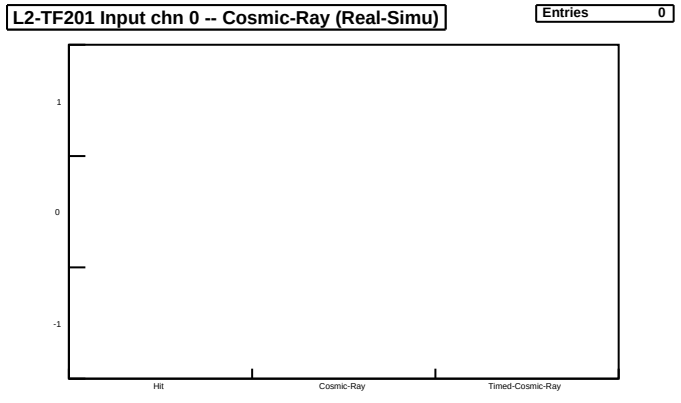

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 4.549192e+07
Fired
278143
278477
1.37445e+06
1.08014e+06
906389
939194
673024
761889
5.40835e+06
5.40801e+06
4.31204e+06
4.60635e+06
4.7801e+06
4.7473e+06
5.01347e+06
4.9246e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

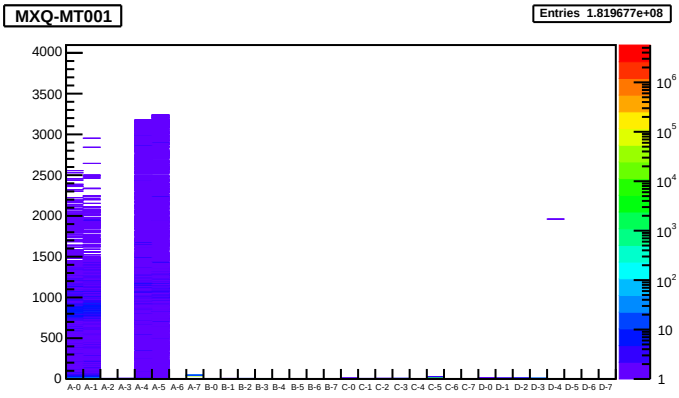

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

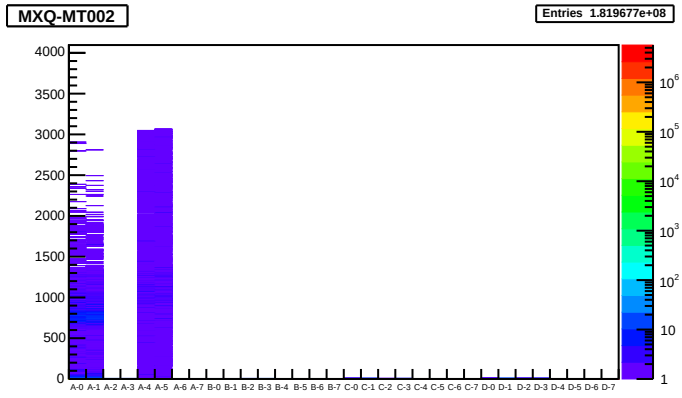

L2-TF201 Input chn 0 -- Number of Muons
Entries5686490
Number of Muons

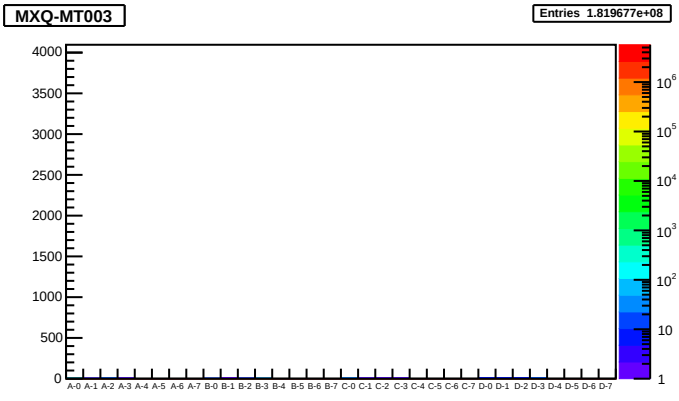

L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)

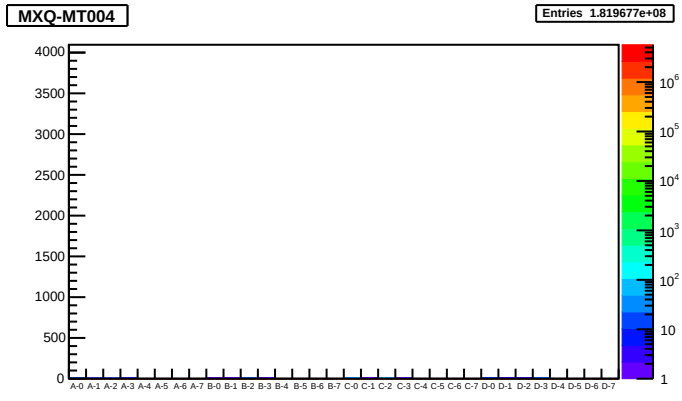

L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 1.705947e+07
11019
36
25
5.67547e+06
5.68645e+06
5.68646e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray

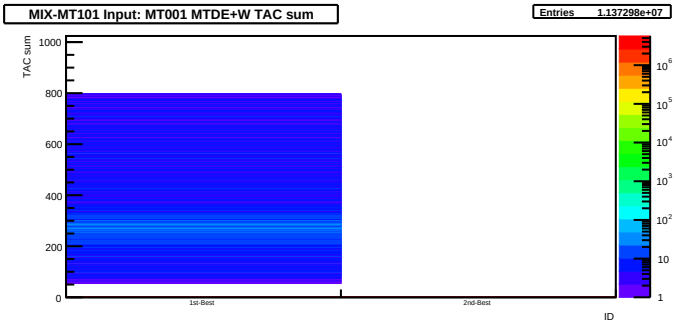

L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray

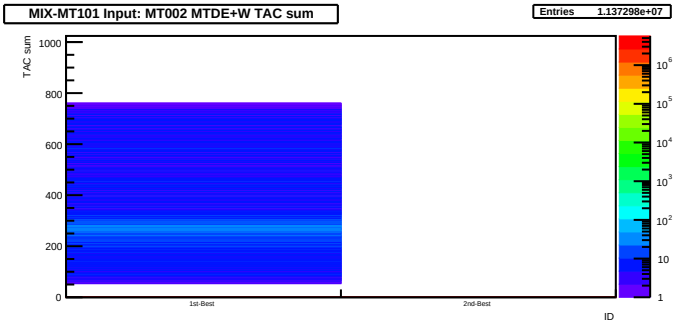

MXQ-MT001
Entries 1.819677e+08

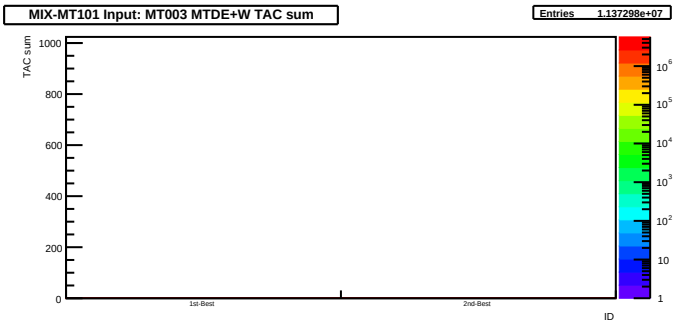

MXQ-MT002
Entries 1.819677e+08

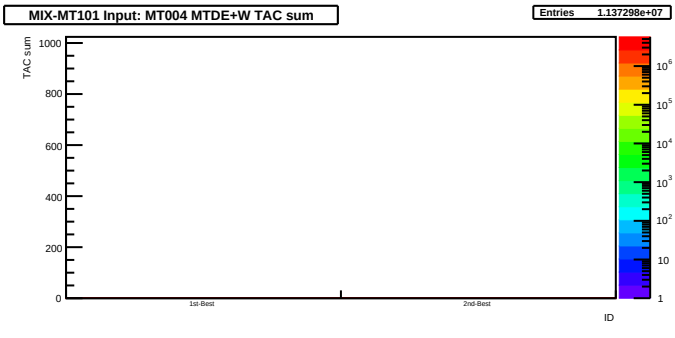

MXQ-MT003
Entries 1.819677e+08

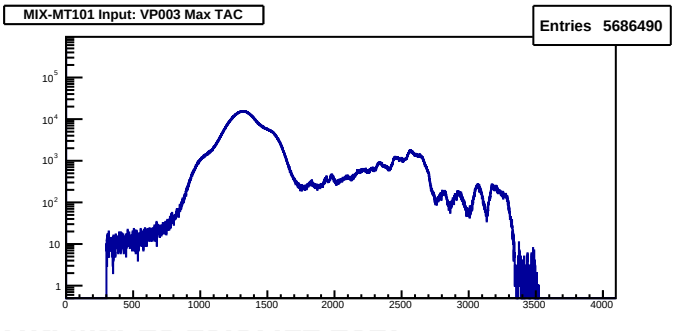

MXQ-MT004
Entries 1.819677e+08

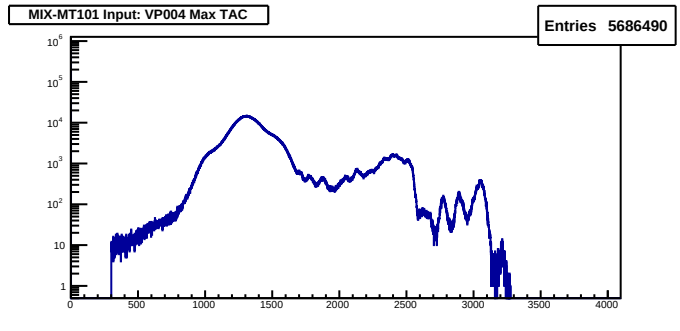

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 1.137298e+07
TAC sum
1st-Best
2nd-Best
ID

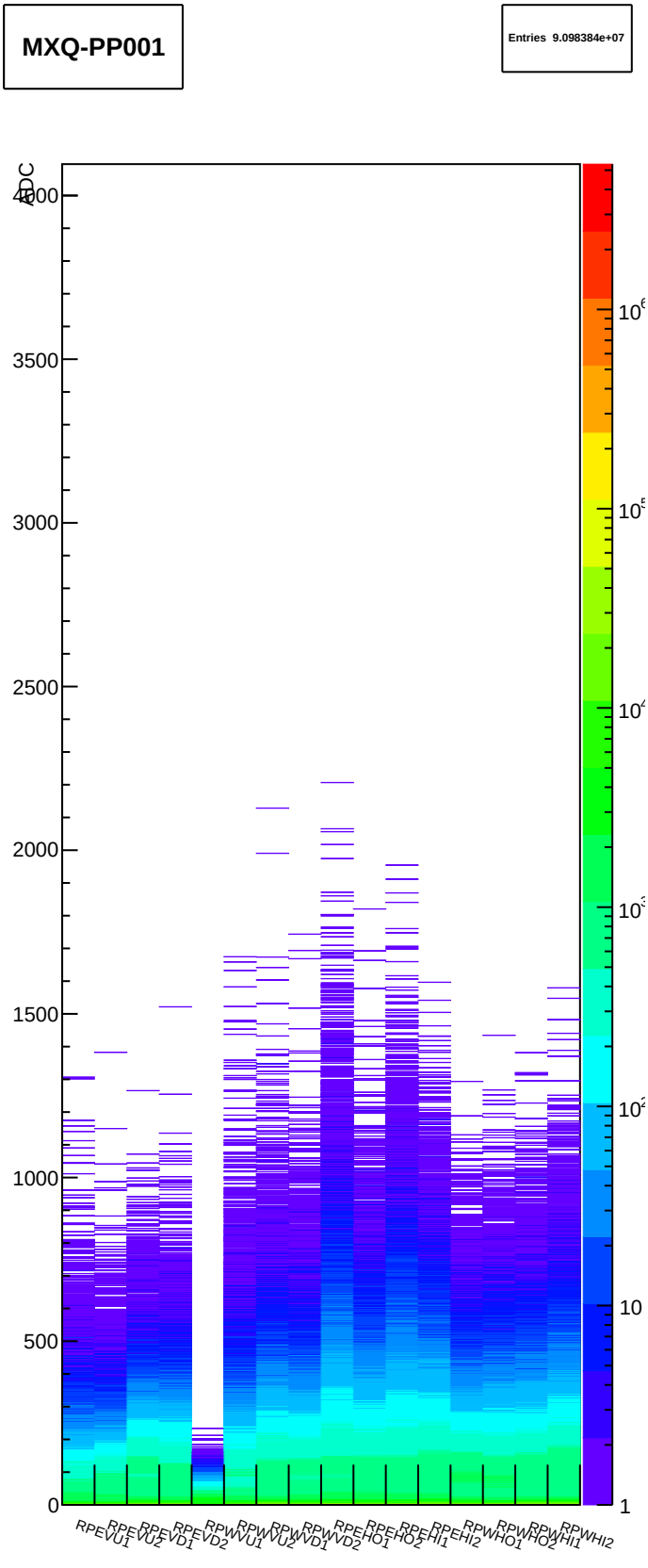

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 1.137298e+07
TAC sum
1st-Best
2nd-Best
ID

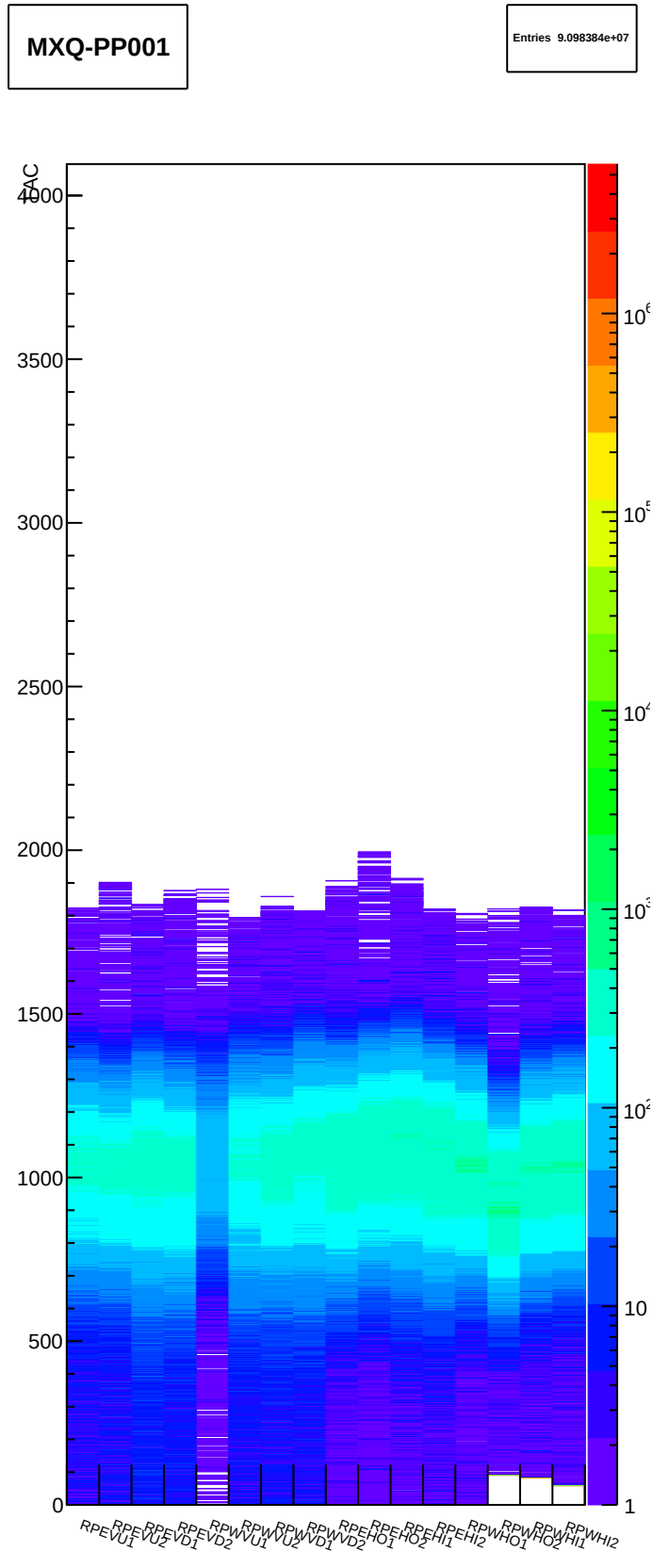

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 1.137298e+07
TAC sum
1st-Best
2nd-Best
ID

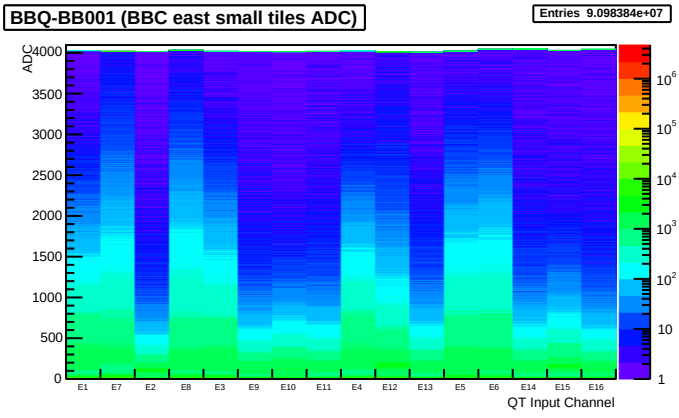

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 1.137298e+07
TAC sum
1st-Best
2nd-Best
ID

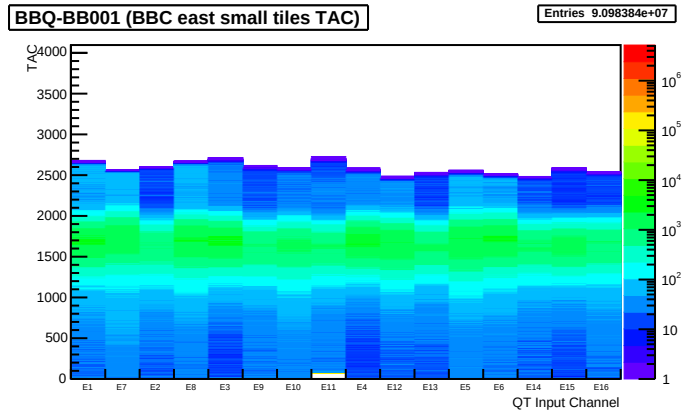

MIX-MT101 Input: VP003 Max TAC
Entries 5686490

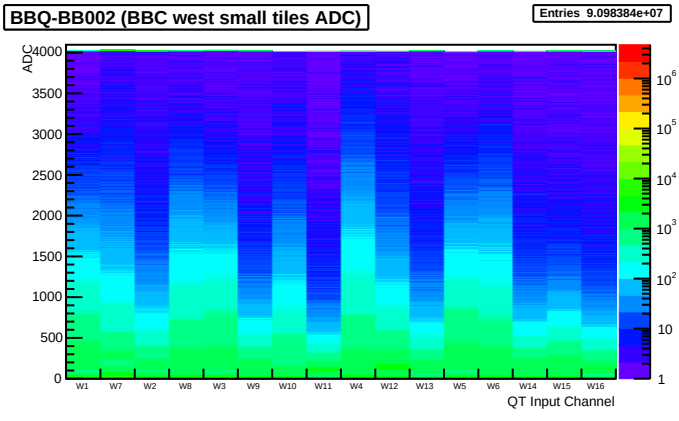

MIX-MT101 Input: VP004 Max TAC
Entries 5686490

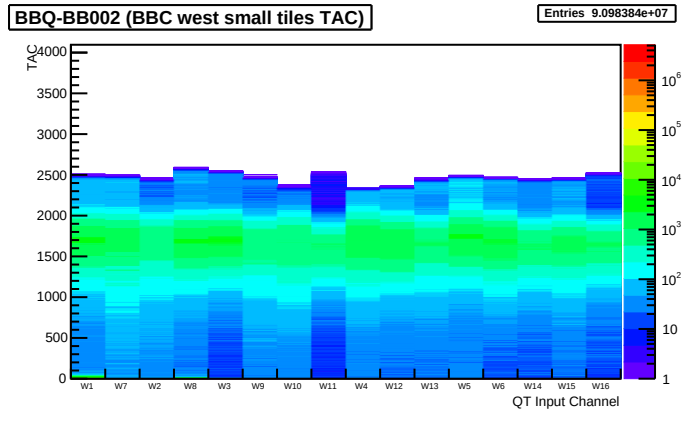

MXQ-PP001
Entries 9.098384e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

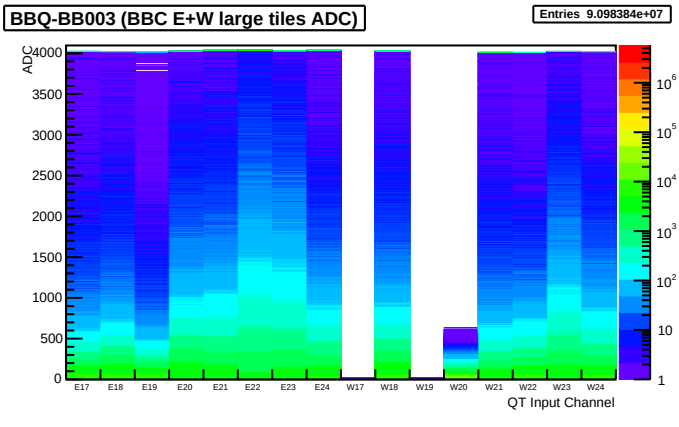

MXQ-PP001
Entries 9.098384e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
10^6
10^5
10^4
10^3
10^2
10
1

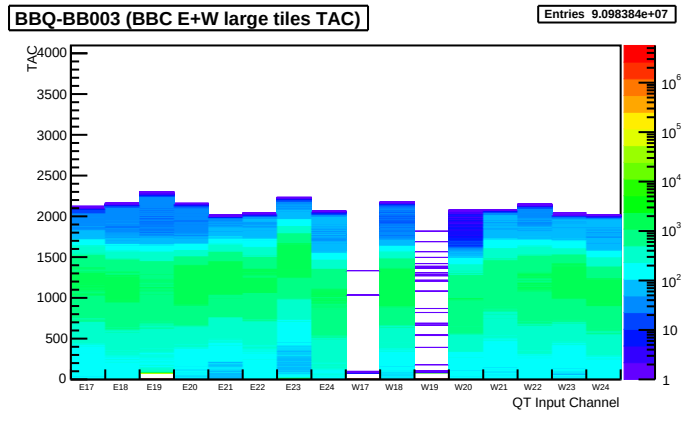

BBQ-BB001 (BBC east small tiles ADC)
Entries 9.098384e+07
ADC
QT Input Channel

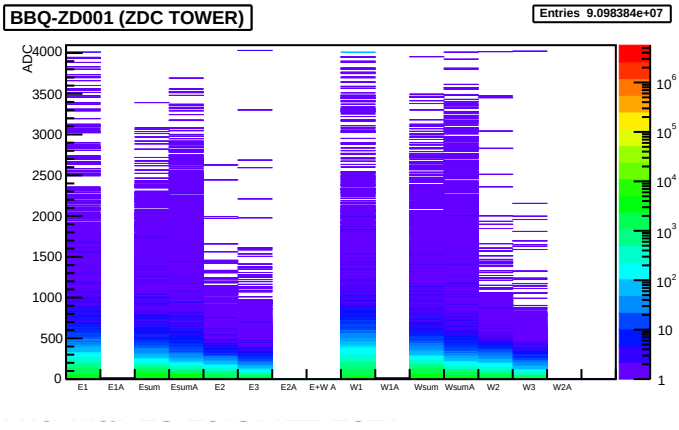

BBQ-BB001 (BBC east small tiles TAC)
Entries 9.098384e+07
TAC
QT Input Channel

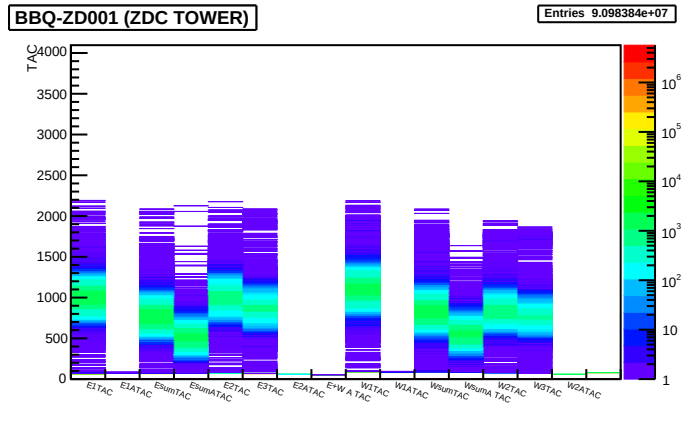

BBQ-BB002 (BBC west small tiles ADC)
Entries 9.098384e+07
ADC
QT Input Channel

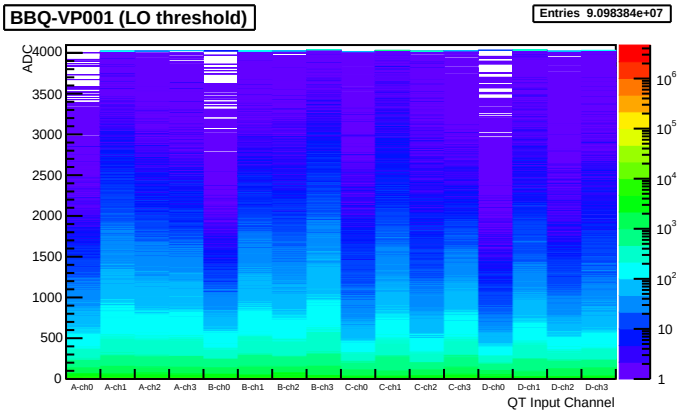

BBQ-BB002 (BBC west small tiles TAC)
Entries 9.098384e+07
TAC
QT Input Channel

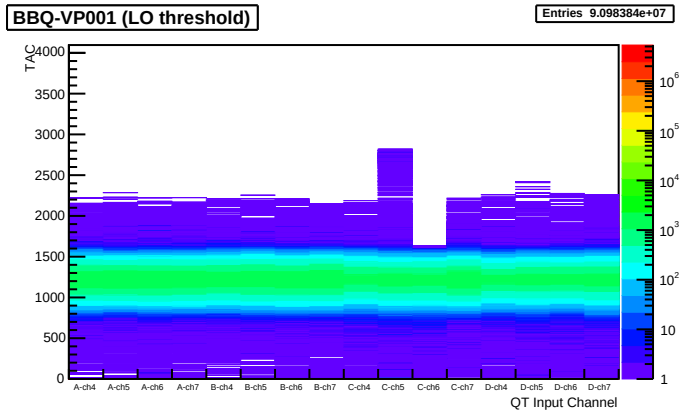

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.098384e+07
ADC
QT Input Channel

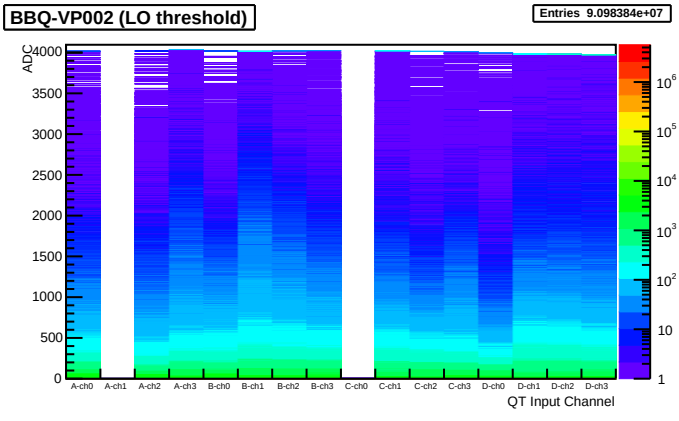

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.098384e+07
TAC
QT Input Channel

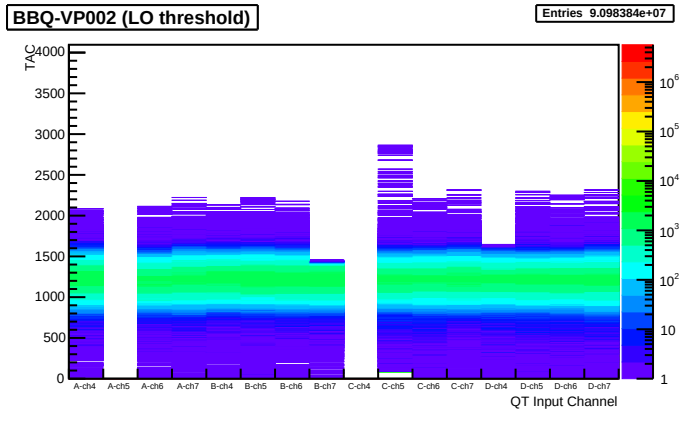

BBQ-ZD001 (ZDC TOWER)
Entries 9.098384e+07
ADC

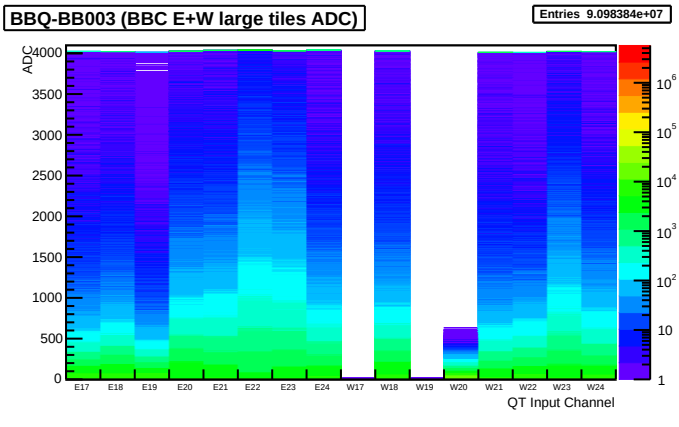

BBQ-ZD001 (ZDC TOWER)
Entries 9.098384e+07
TAC

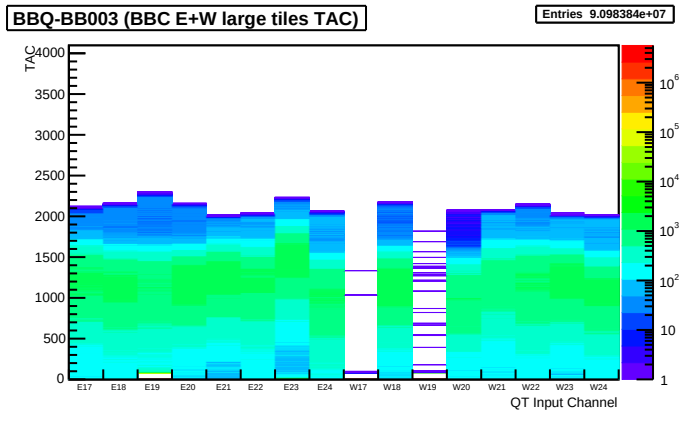

BBQ-VP001 (LO threshold)
Entries 9.098384e+07
ADC
QT Input Channel

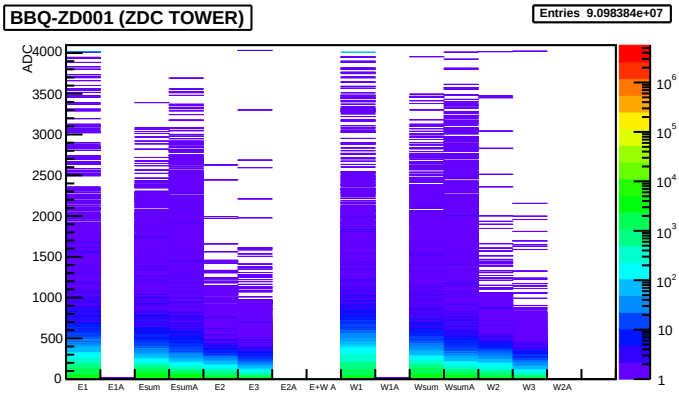

BBQ-VP001 (LO threshold)
Entries 9.098384e+07
TAC
QT Input Channel

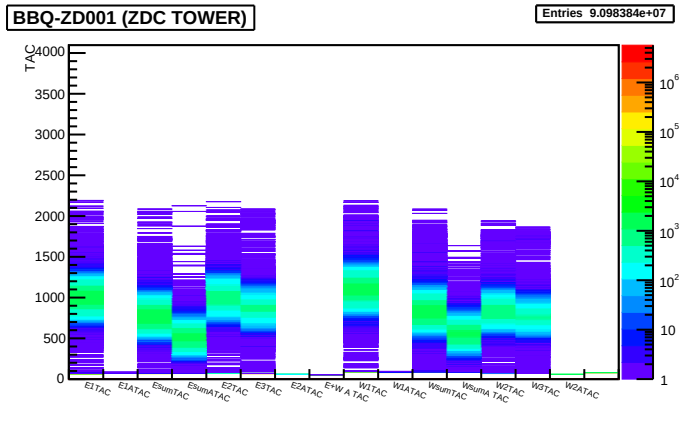

BBQ-VP002 (LO threshold)
Entries 9.098384e+07
ADC
QT Input Channel

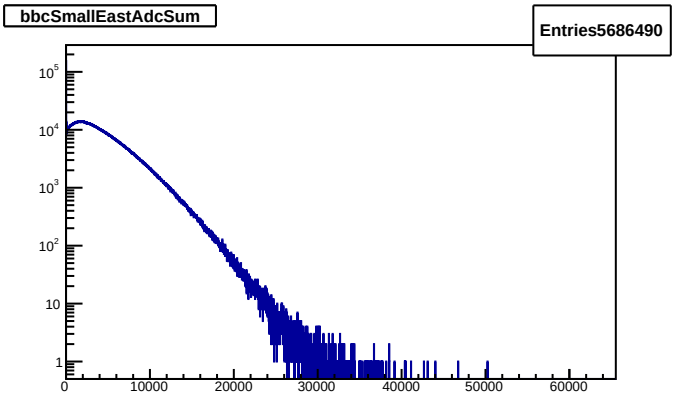

BBQ-VP002 (LO threshold)
Entries 9.098384e+07
TAC
QT Input Channel

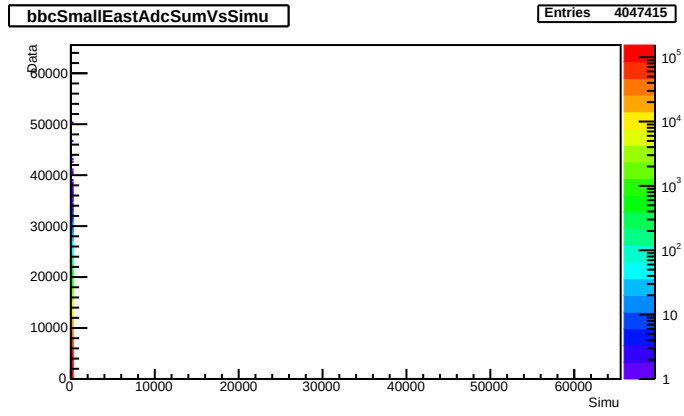

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 9.098384e+07
ADC
QT Input Channel

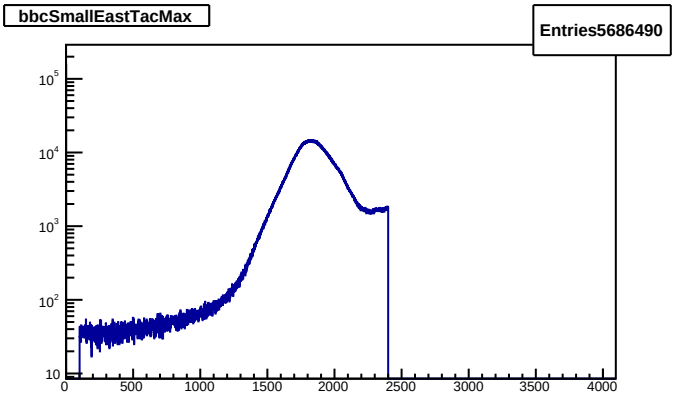

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 9.098384e+07
TAC
QT Input Channel

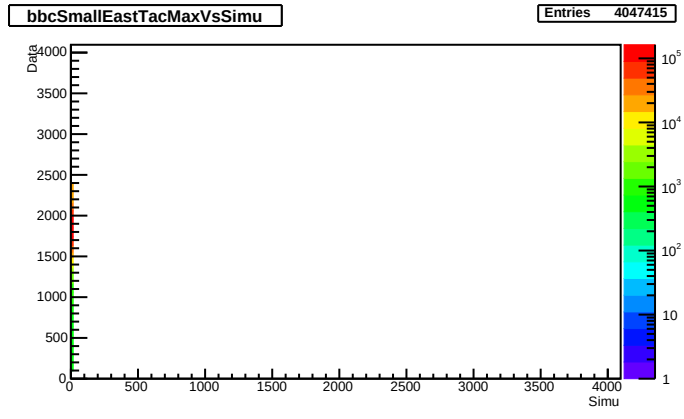

BBQ-ZD001 (ZDC TOWER)
Entries 9.098384e+07
ADC

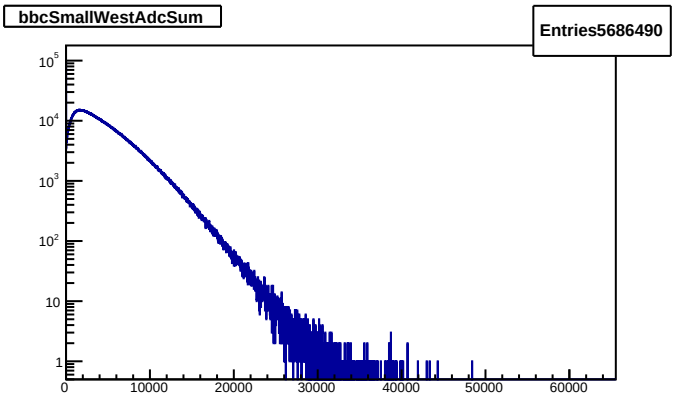

BBQ-ZD001 (ZDC TOWER)
Entries 9.098384e+07
TAC

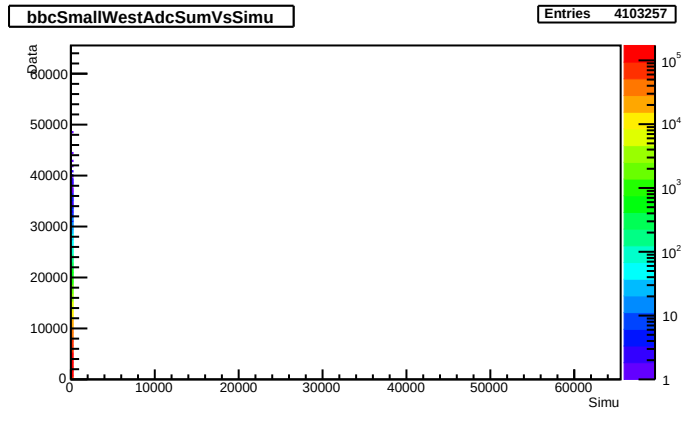

bbcSmallEastAdcSum
Entries5686490

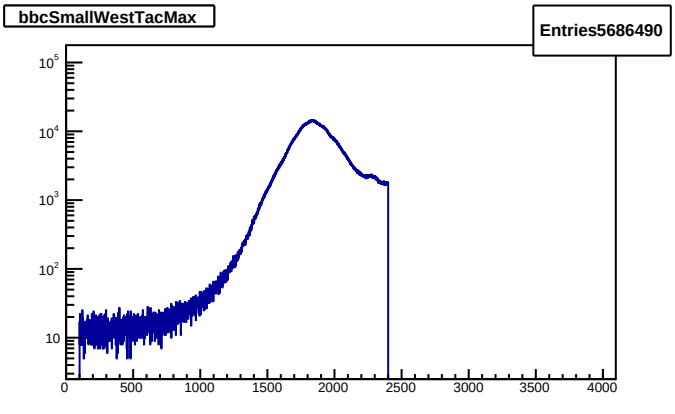

bbcSmallEastAdcSumVsSimu
Entries 4047415
Data
Simu

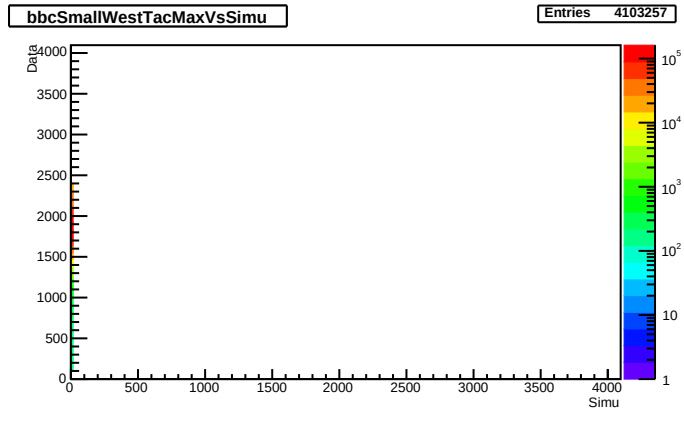

bbcSmallEastTacMax
Entries5686490

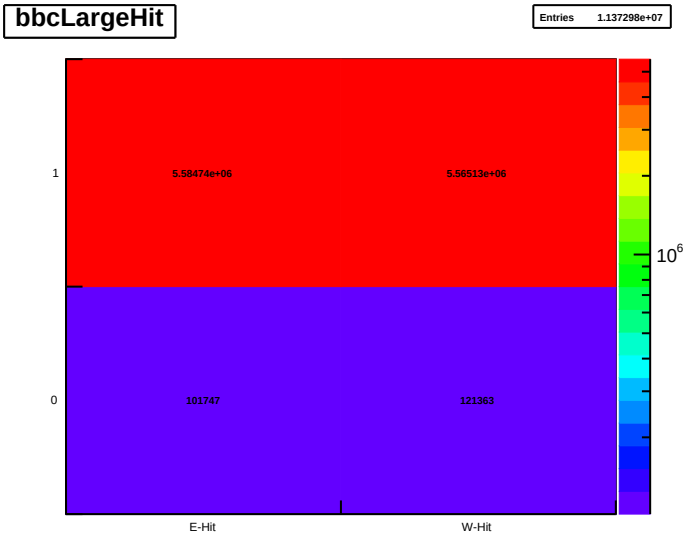

bbcSmallEastTacMaxVsSimu
Entries 4047415
Data
Simu

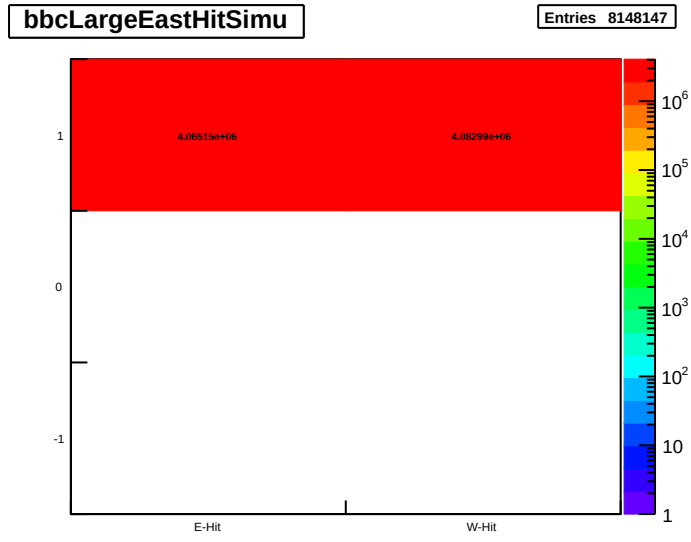

bbcSmallWestAdcSum
Entries5686490

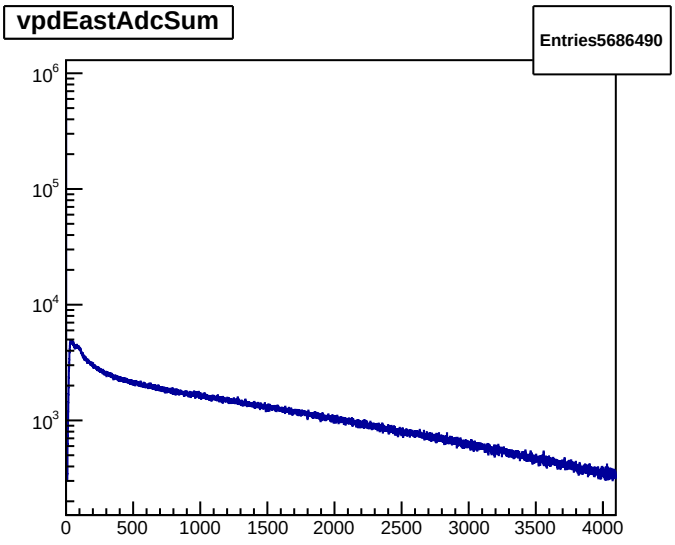

bbcSmallWestAdcSumVsSimu
Entries 4103257
Data
Simu

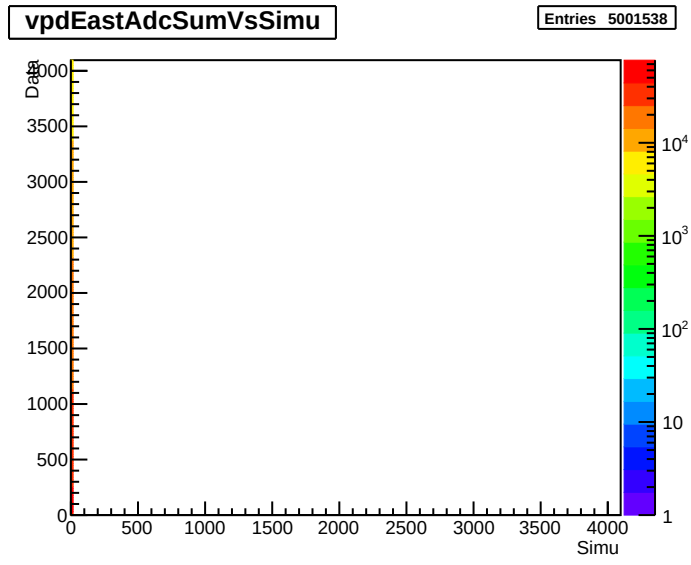

bbcSmallWestTacMax
Entries5686490

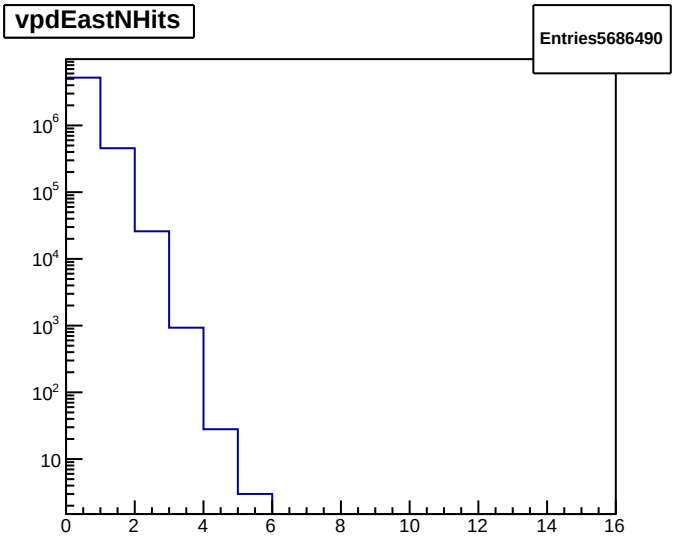

bbcSmallWestTacMaxVsSimu
Entries 4103257
Data
Simu

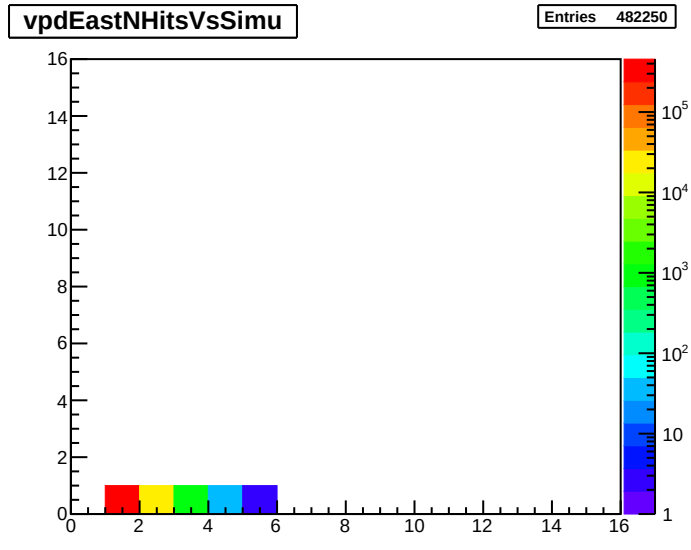

bbcLargeHit
Entries 1.137298e+07
1
0
5.58474e+06
5.56513e+06
101747
121363
E-Hit
W-Hit
10^6

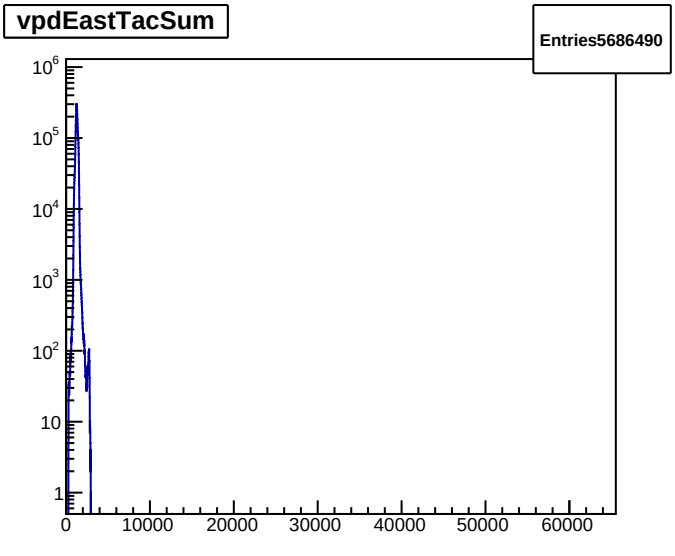

bbcLargeEastHitSimu
Entries 8148147
1
0
-1
4.06515e+06
4.08299e+06
E-Hit
W-Hit
10^6
10^5
10^4
10^3
10^2
10
1

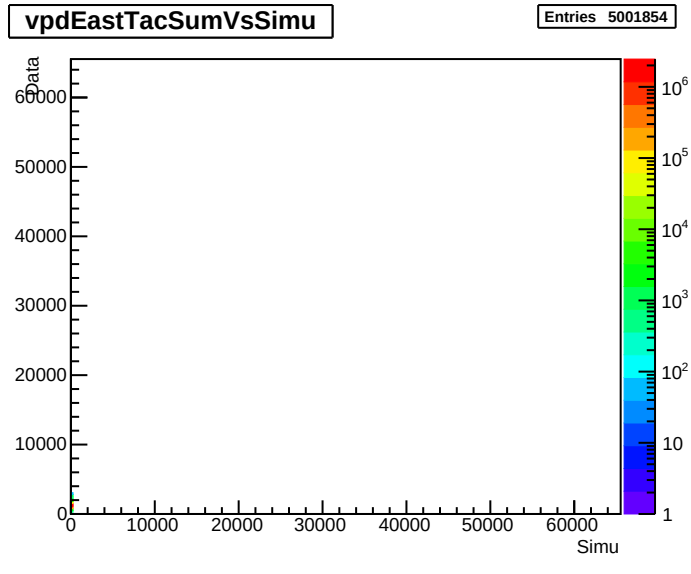

vpdEastAdcSum
Entries5686490

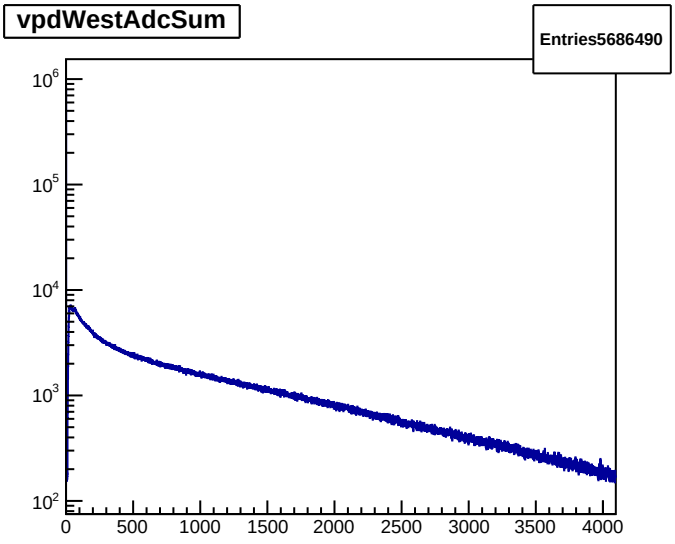

vpdEastAdcSumVsSimu
Entries 5001538
Data
Simu

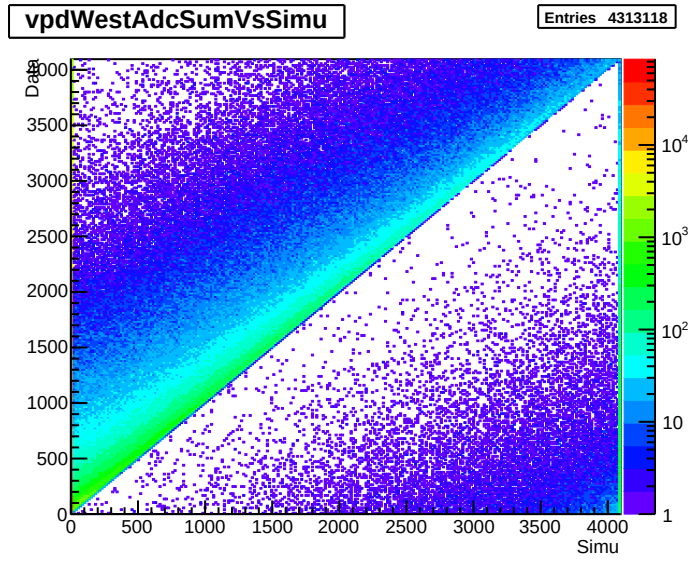

vpdEastNHits
Entries5686490

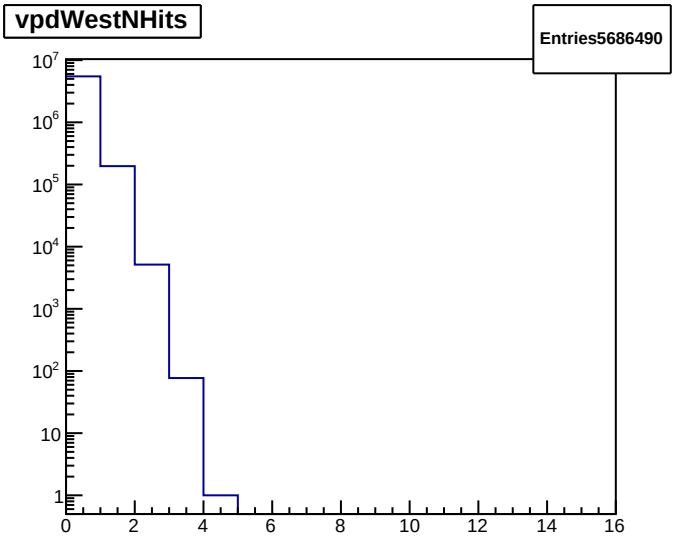

vpdEastNHitsVsSimu
Entries 482250

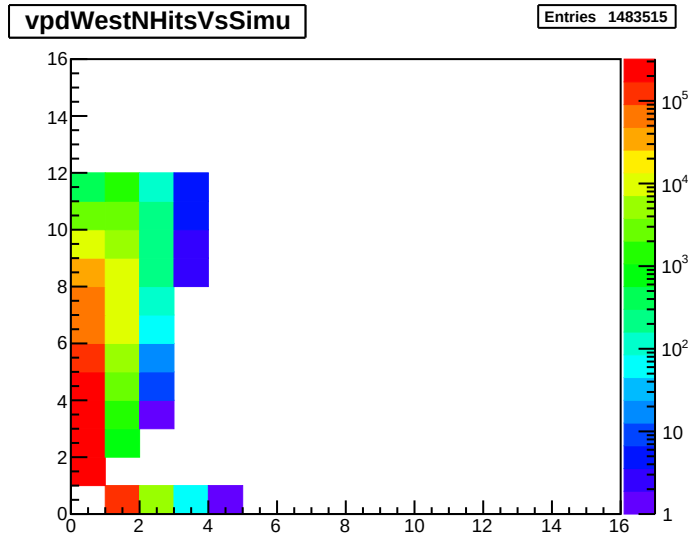

vpdEastTacSum
Entries5686490

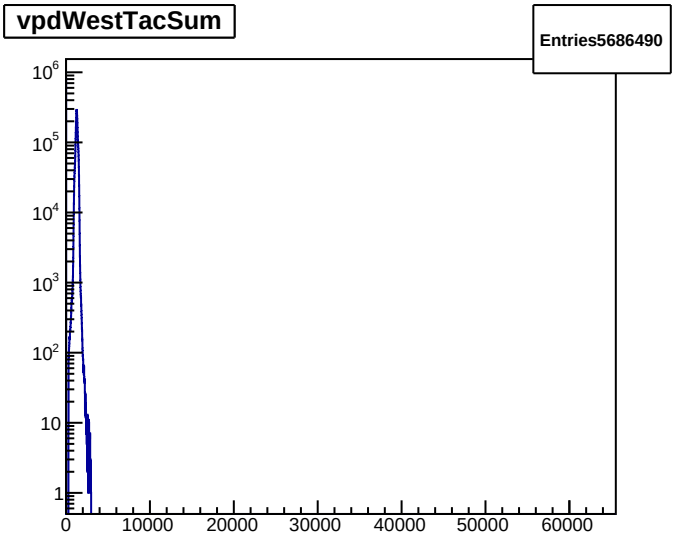

vpdEastTacSumVsSimu
Entries 5001854
Data
Simu

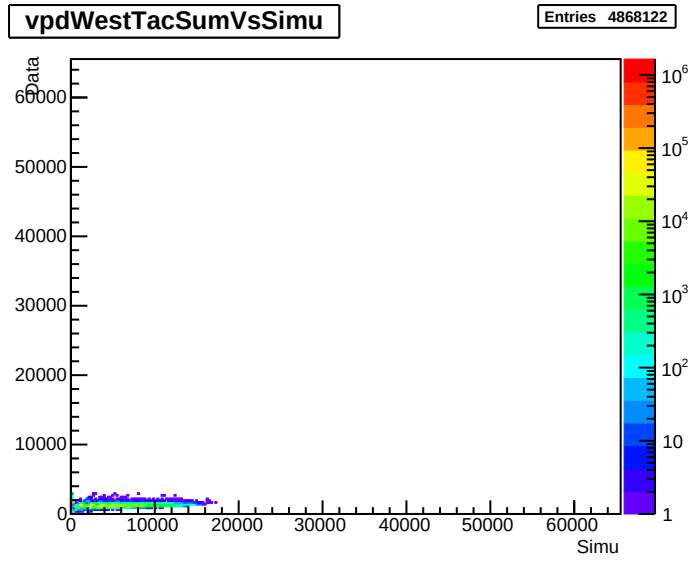

vpdWestAdcSum
Entries5686490

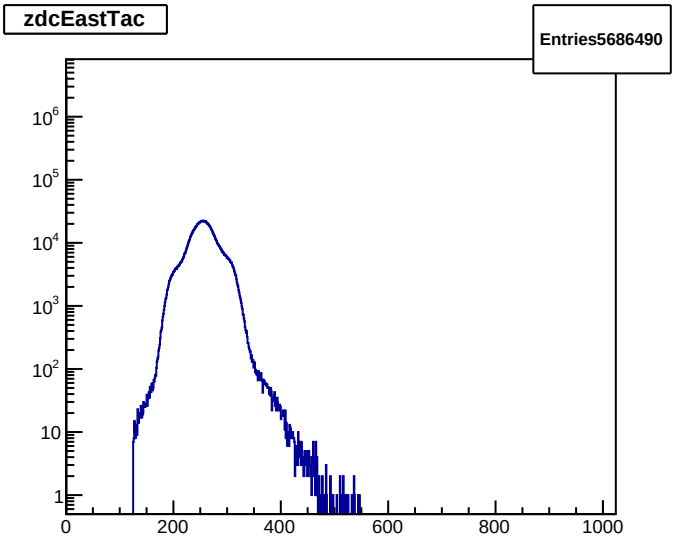

vpdWestAdcSumVsSimu
Entries 4313118
Data
Simu

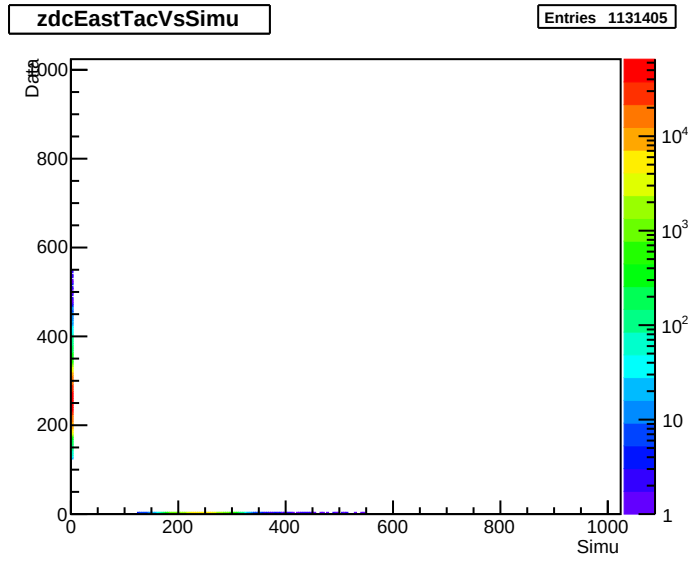

vpdWestNHits
Entries5686490

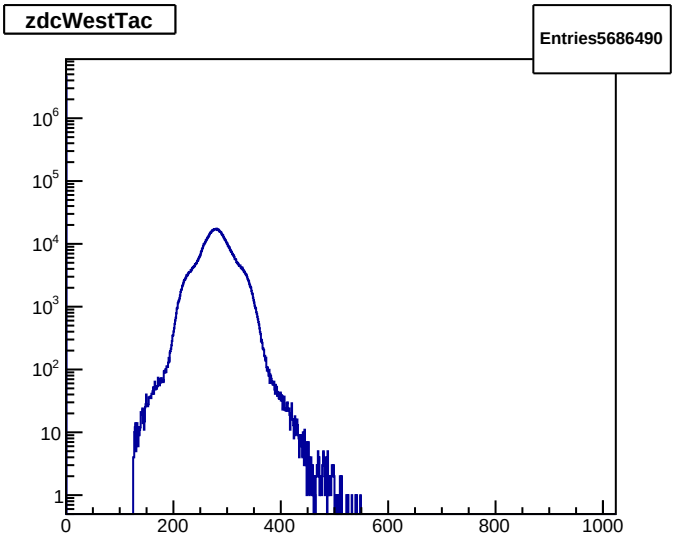

vpdWestNHitsVsSimu
Entries 1483515

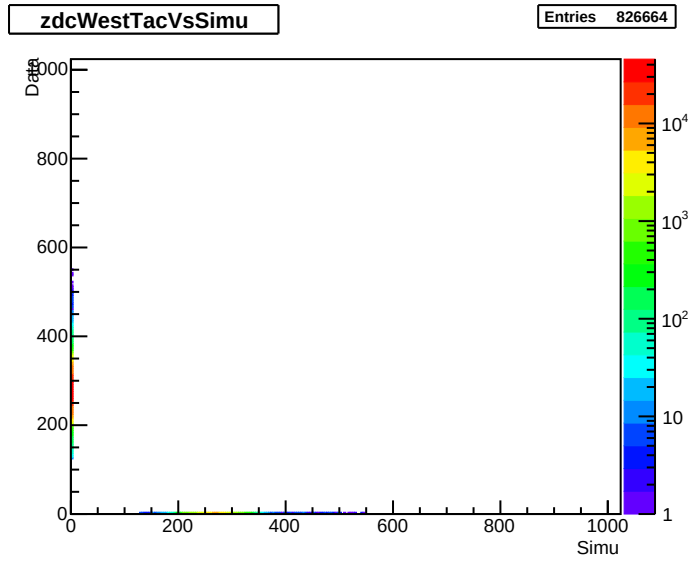

vpdWestTacSum
Entries5686490

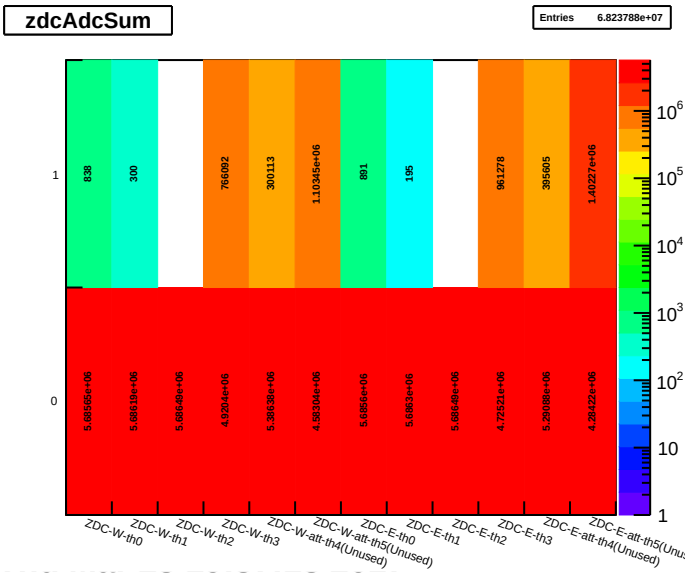

vpdWestTacSumVsSimu
Entries 4868122
Data
Simu

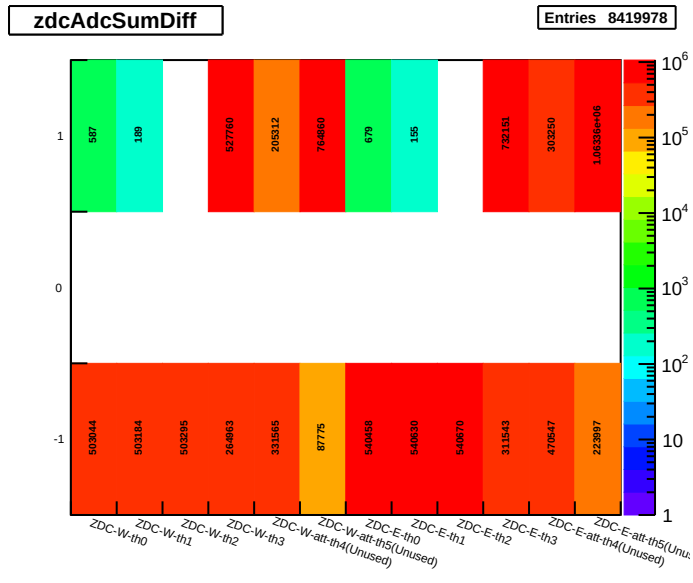

zdcEastTac
Entries5686490

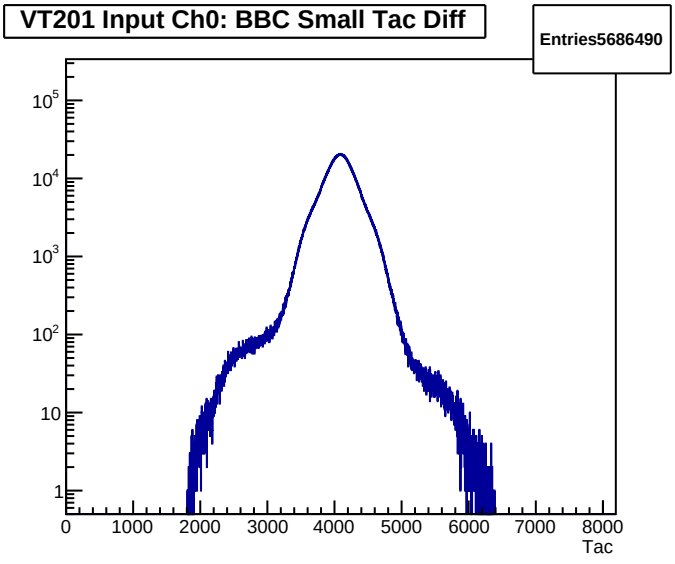

zdcEastTacVsSimu
Entries 1131405
Data
Simu

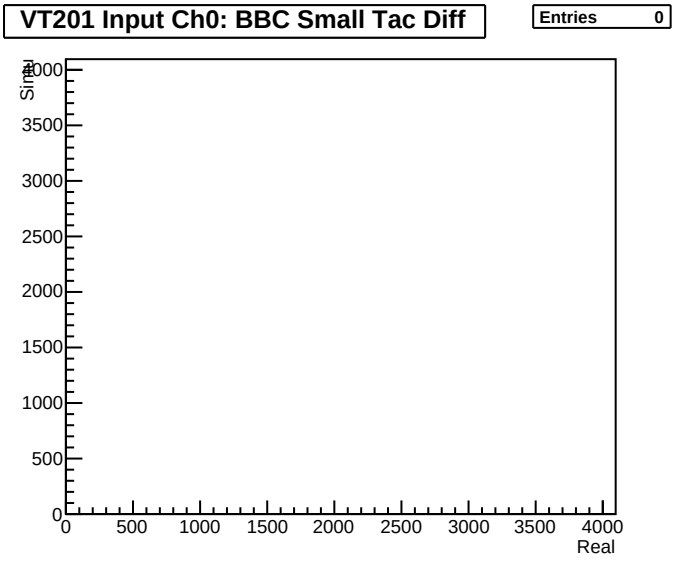

zdcWestTac
Entries5686490

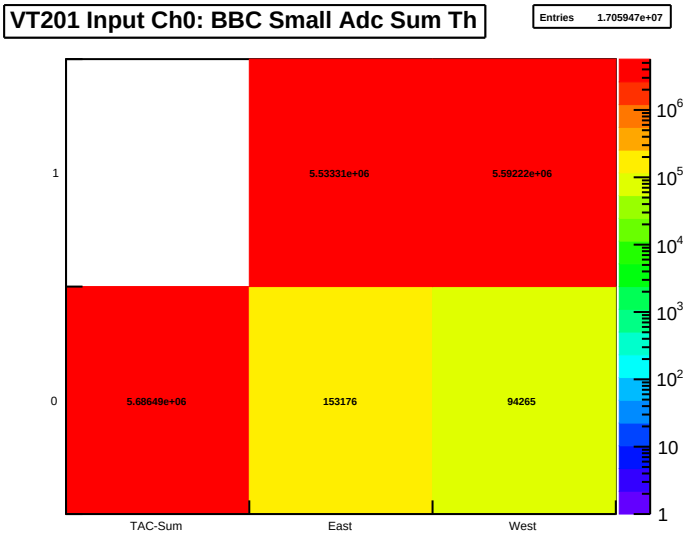

zdcWestTacVsSimu
Entries 826664
Data
Simu

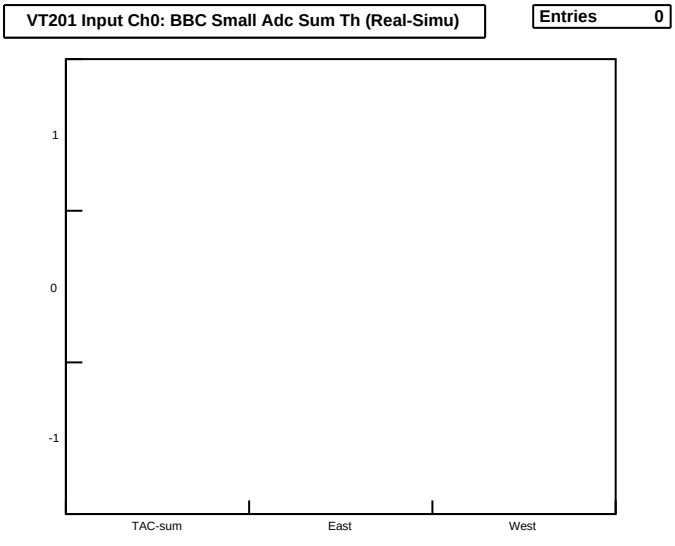

zdcAdcSum
Entries 6.823788e+07
838
300
766092
300113
1.10345e+06
891
195
961278
395605
1.40227e+06
5.68565e+06
5.69619e+05
5.68640e+06
4.9204e+06
5.38638e+06
4.59304e+06
5.6656e+06
5.6863e+06
5.69649e+05
4.72521e+06
5.29088e+06
4.28422e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

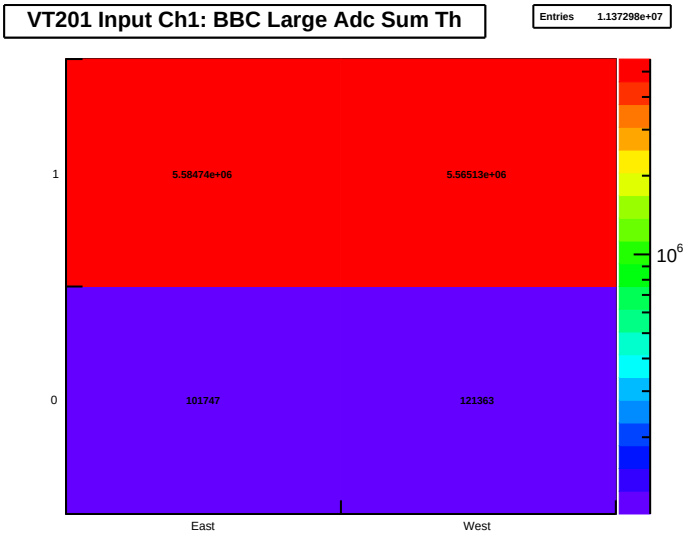

zdcAdcSumDiff
Entries 8419978
567
189
527760
205312
764860
679
155
732151
303250
1.06336e+06
503044
503184
503295
264963
331565
87775
540458
540630
540670
311543
470547
223997
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

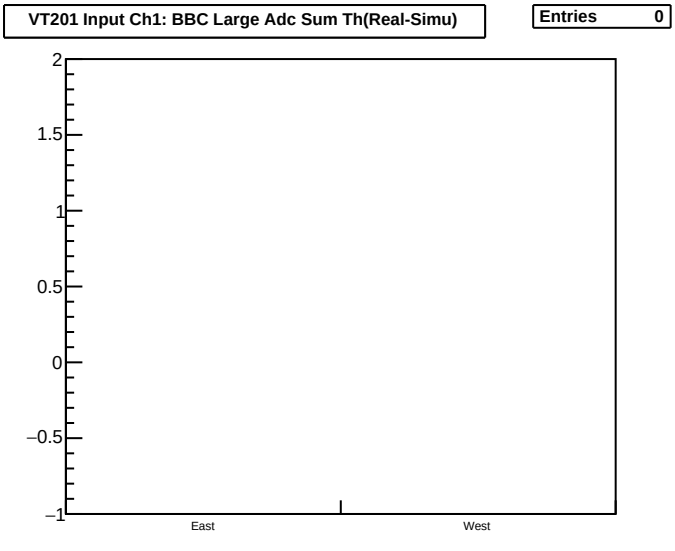

VT201 Input Ch0: BBC Small Tac Diff
Entries5686490
Tac


VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

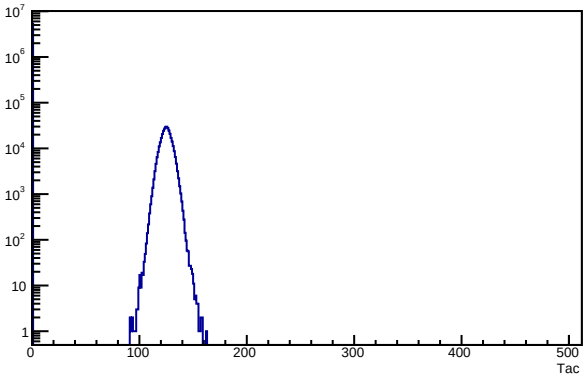

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.705947e+07
5.53331e+06
5.59222e+06
5.68649e+06
153176
94265
TAC-Sum
East
West


VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
TAC-sum
East
West

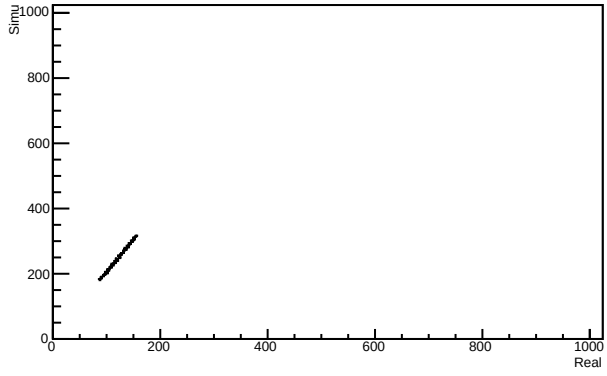

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 1.137298e+07
5.58474e+06
5.56513e+06
101747
121363
East
West


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
East
West

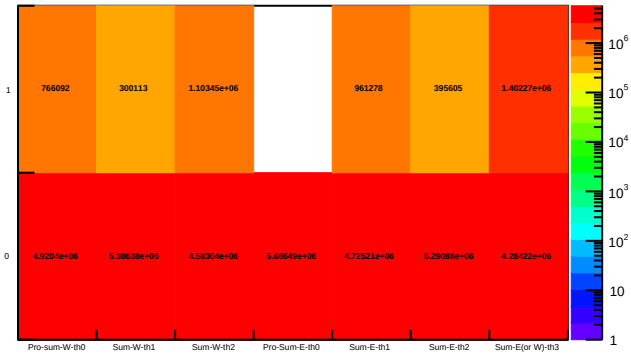
VT201 Input Ch2: ZDC Tac Diff



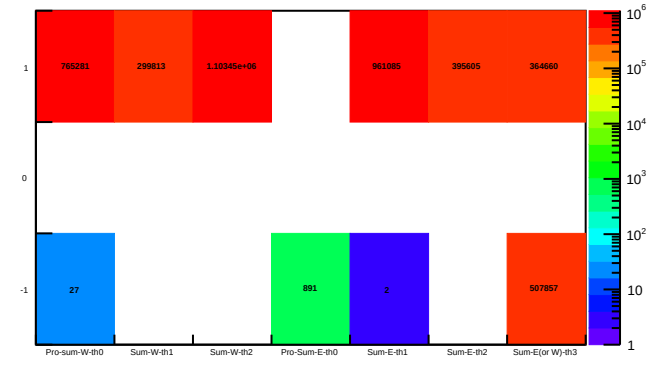
VT201 Input Ch2: ZDC Tac Diff



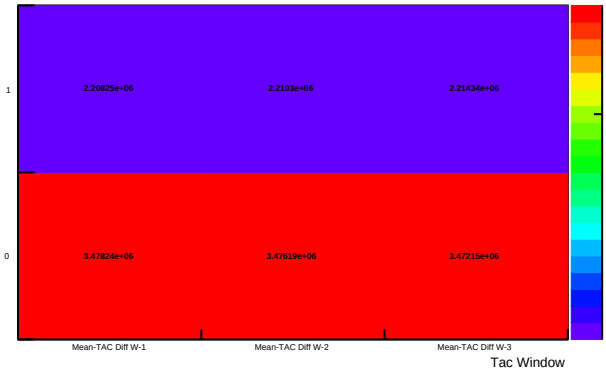
VT201 Input Ch2: ZDC Adc Sum Th



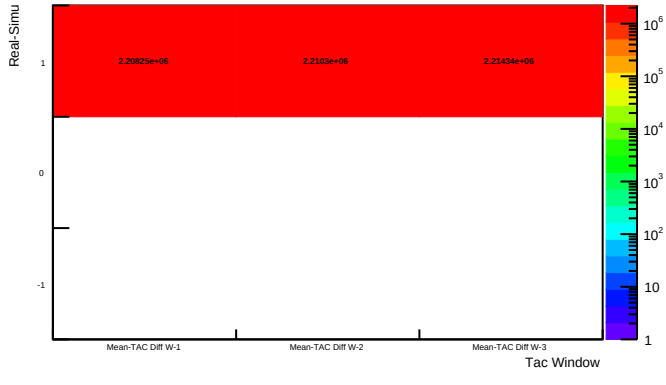
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



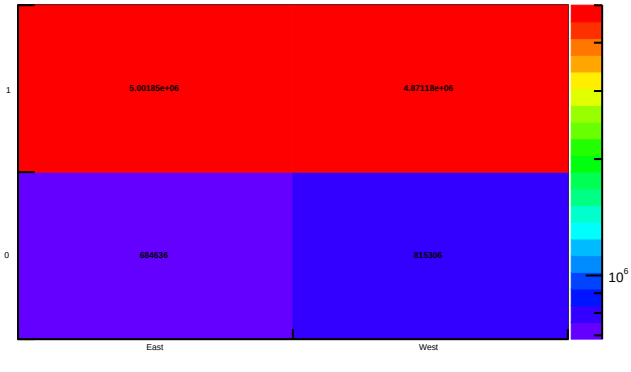
VT201 Input Ch4: VPD Tac Diff



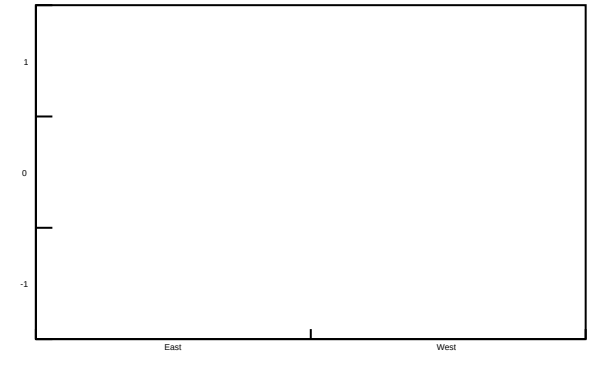
VT201 Input Ch4: VPD Tac Diff

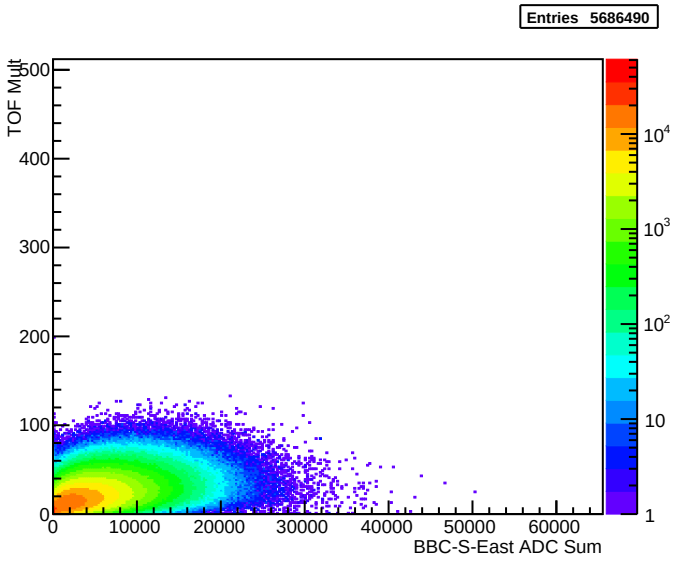


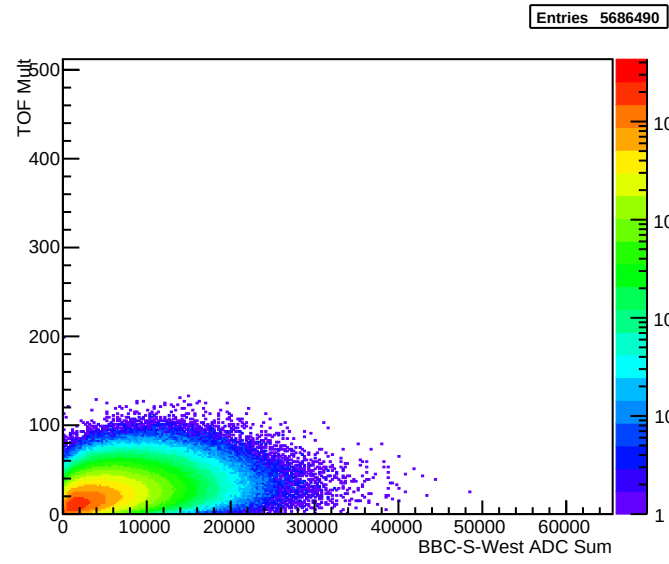
VT201 Input Ch4: VPD Adc Sum Th

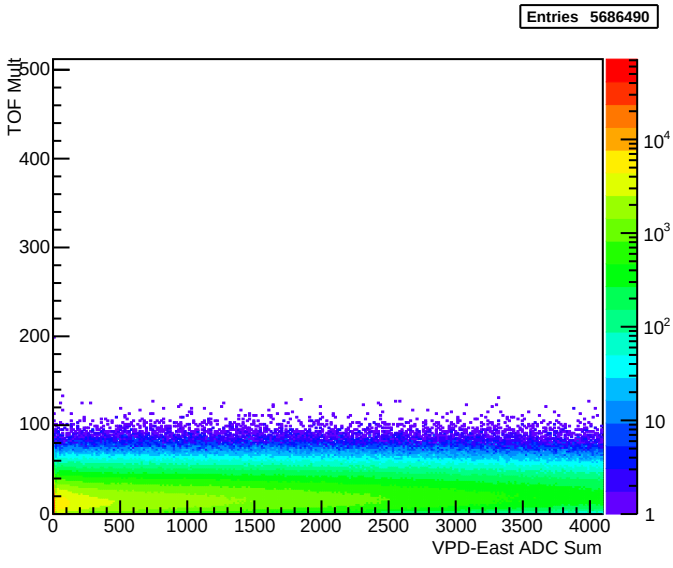


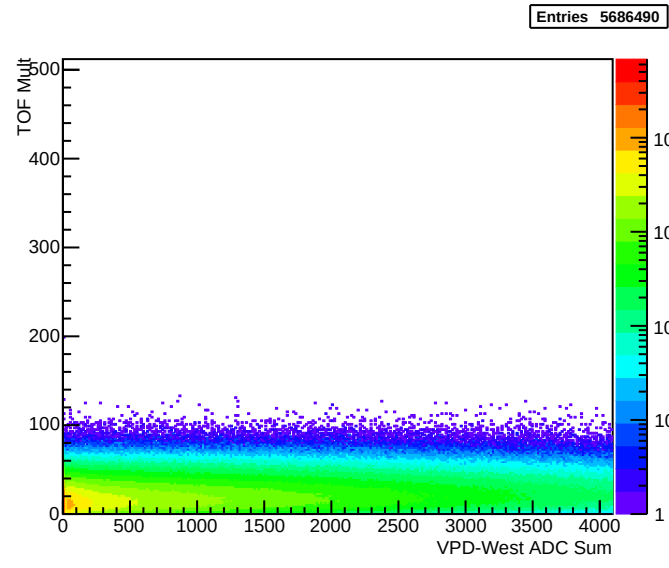
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

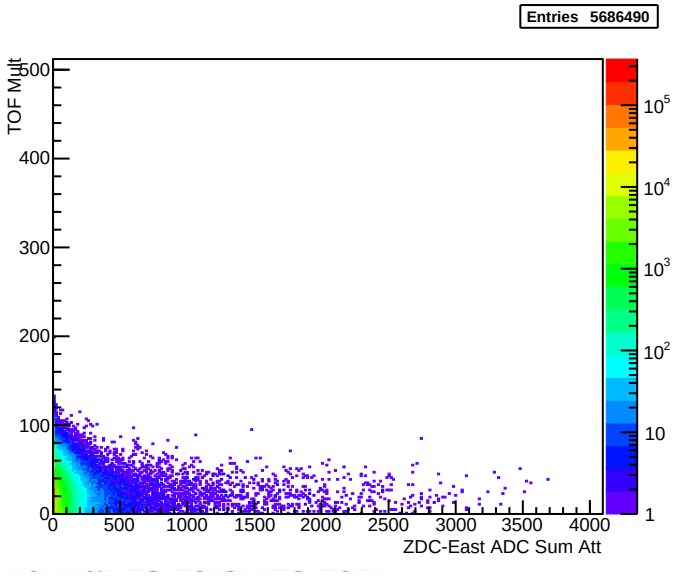


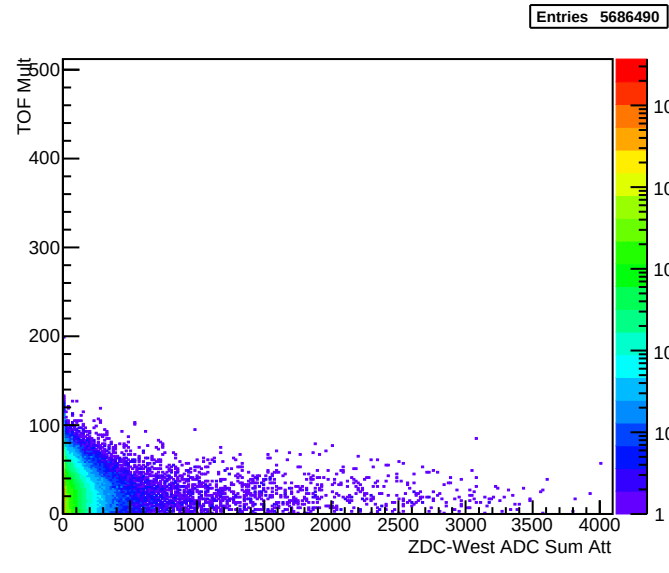

Entries 5686490
TOF Mult
BBC-S-East ADC Sum

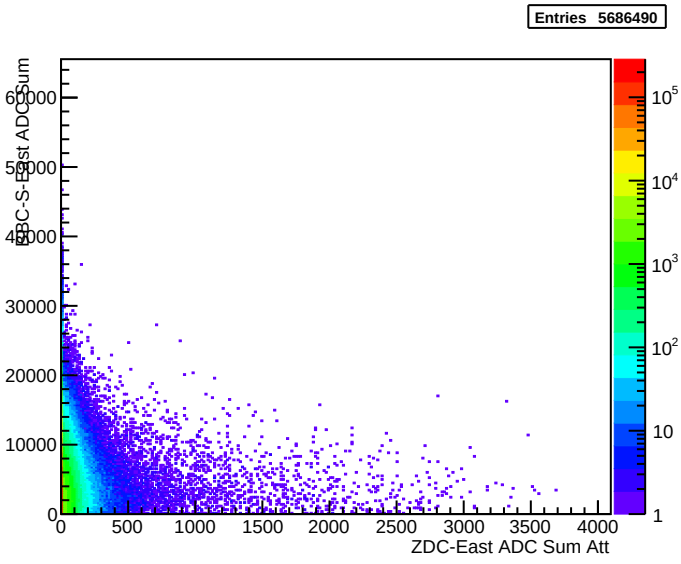

Entries 5686490
TOF Mult
BBC-S-West ADC Sum

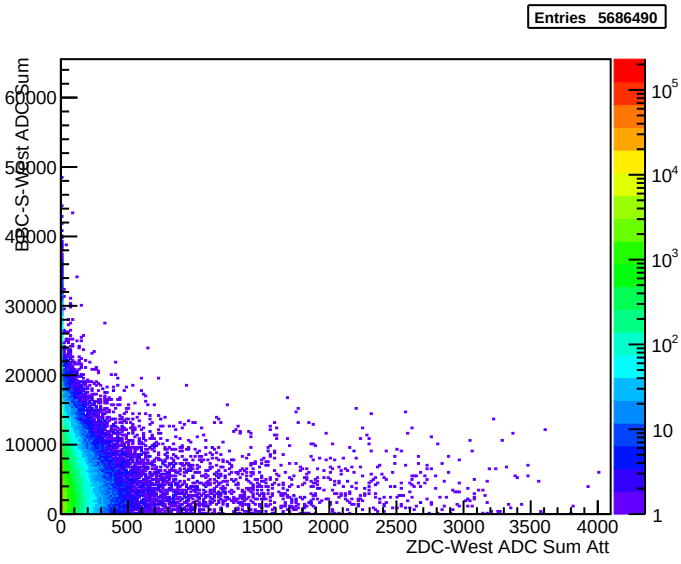

Entries 5686490
TOF Mult
VPD-East ADC Sum

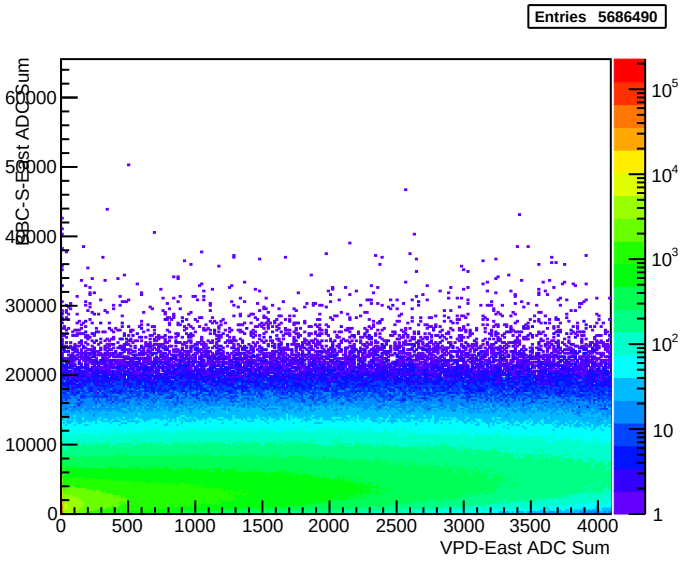

Entries 5686490
TOF Mult
VPD-West ADC Sum

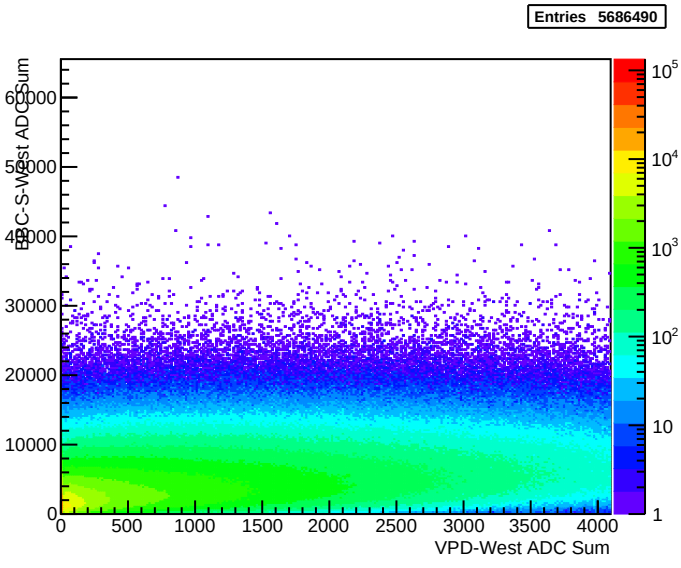

Entries 5686490
TOF Mult
ZDC-East ADC Sum Att

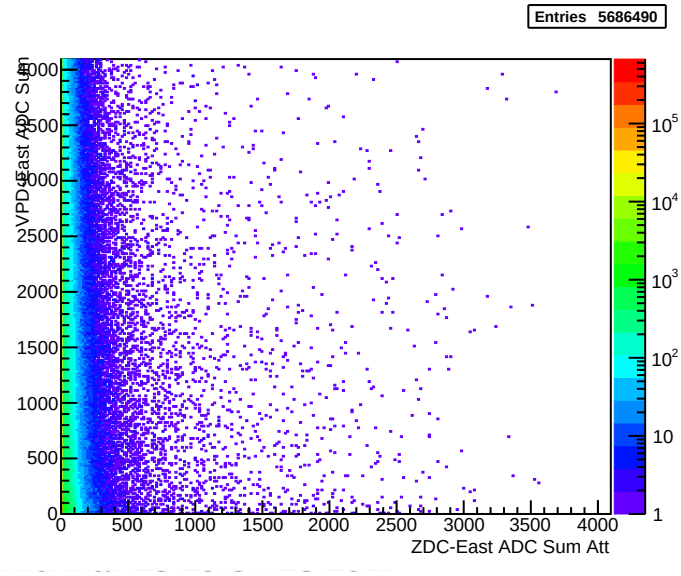

Entries 5686490
TOF Mult
ZDC-West ADC Sum Att

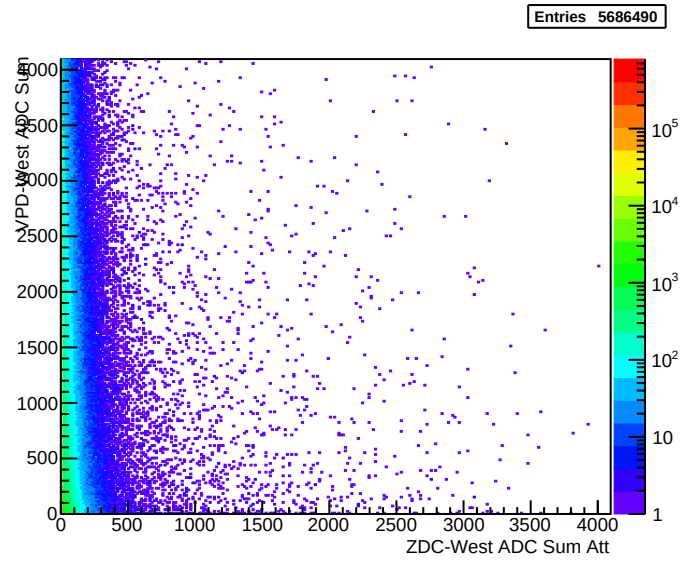

Entries 5686490
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

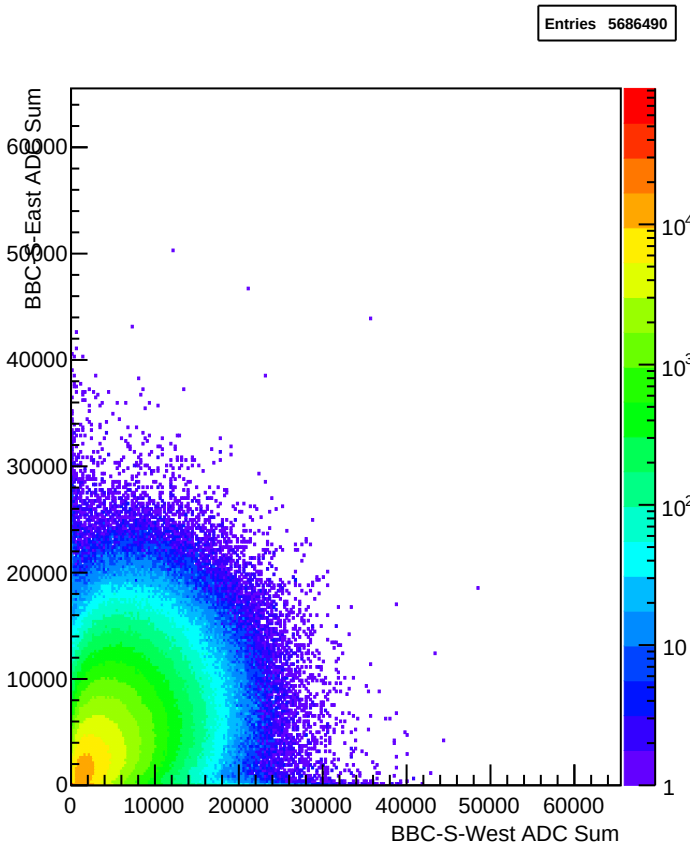

Entries 5686490
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

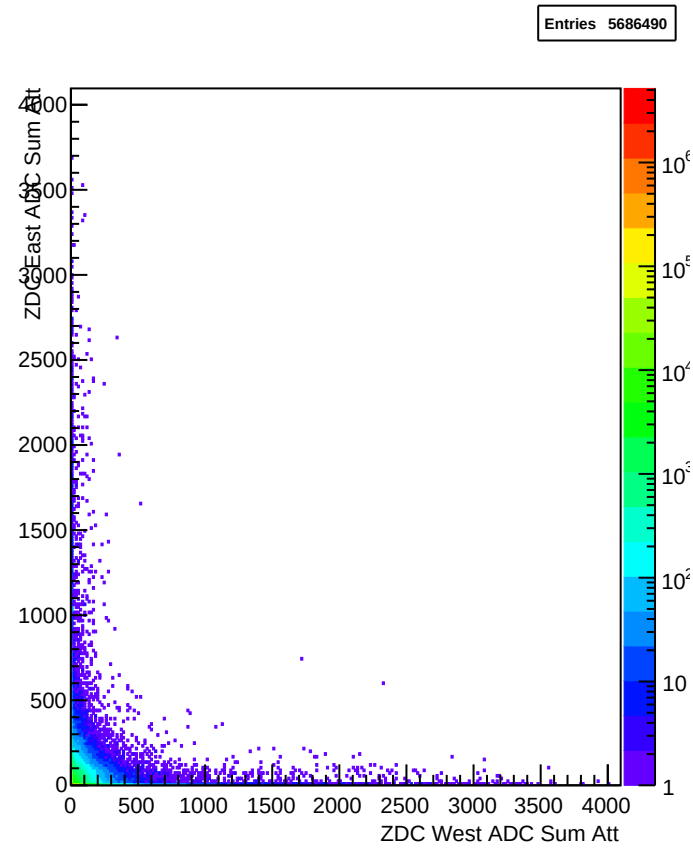

Entries 5686490
BBC-S-East ADC Sum
VPD-East ADC Sum

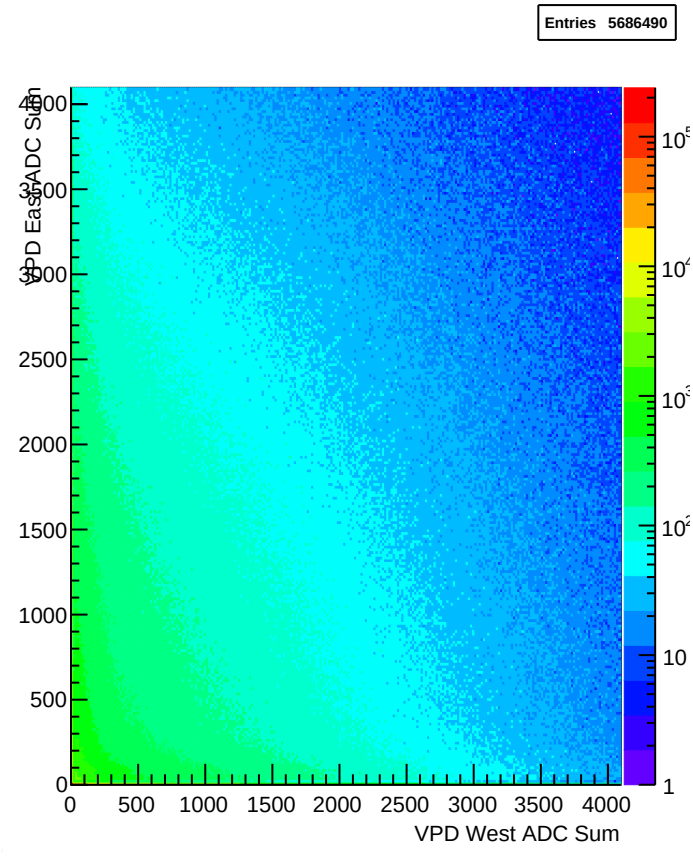

Entries 5686490
BBC-S-West ADC Sum
VPD-West ADC Sum

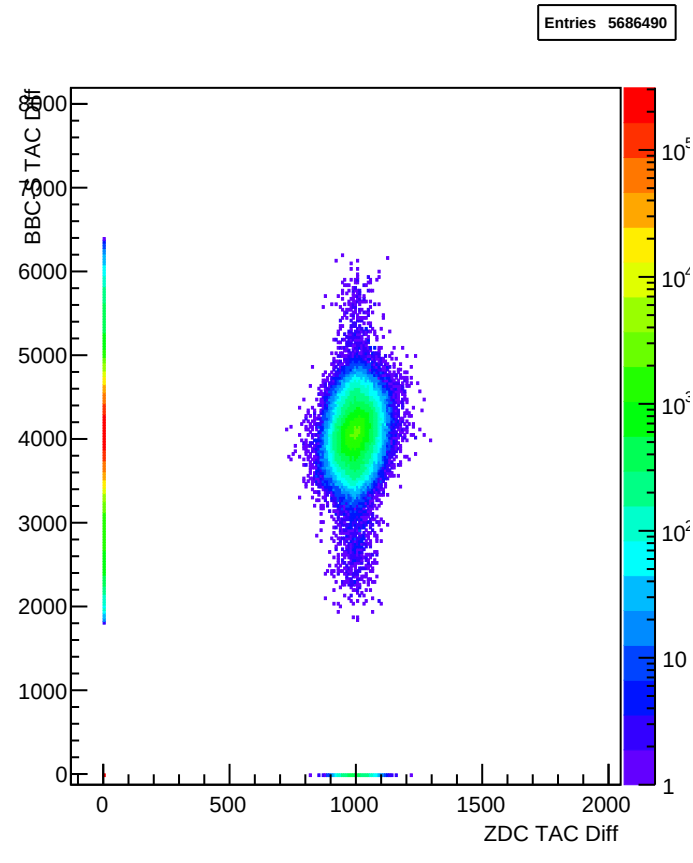

Entries 5686490
VPD-East ADC Sum
ZDC-East ADC Sum Att

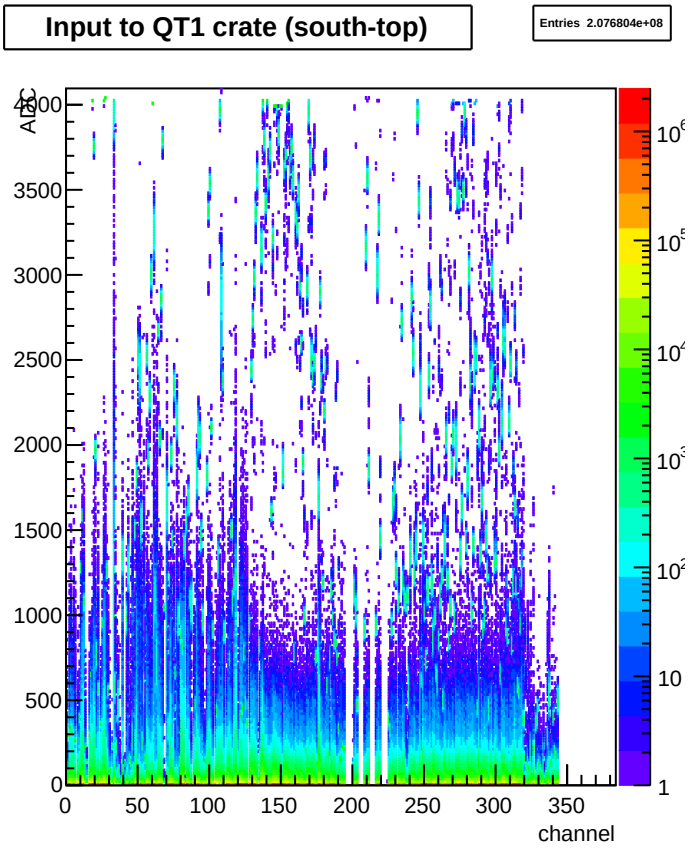

Entries 5686490
VPD-West ADC Sum
ZDC-West ADC Sum Att

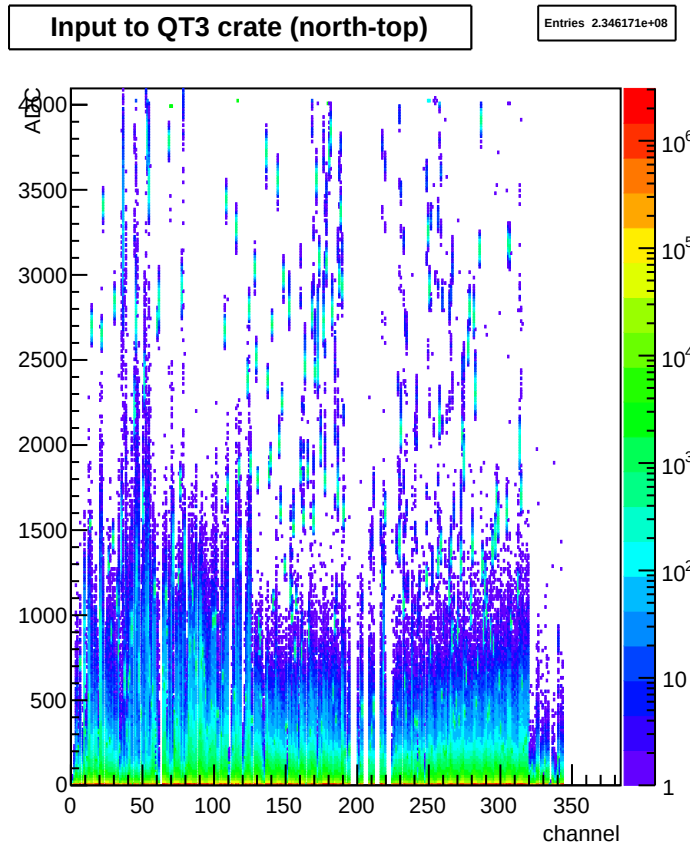

Entries 5686490
BBC-S-East ADC Sum
BBC-S-West ADC Sum

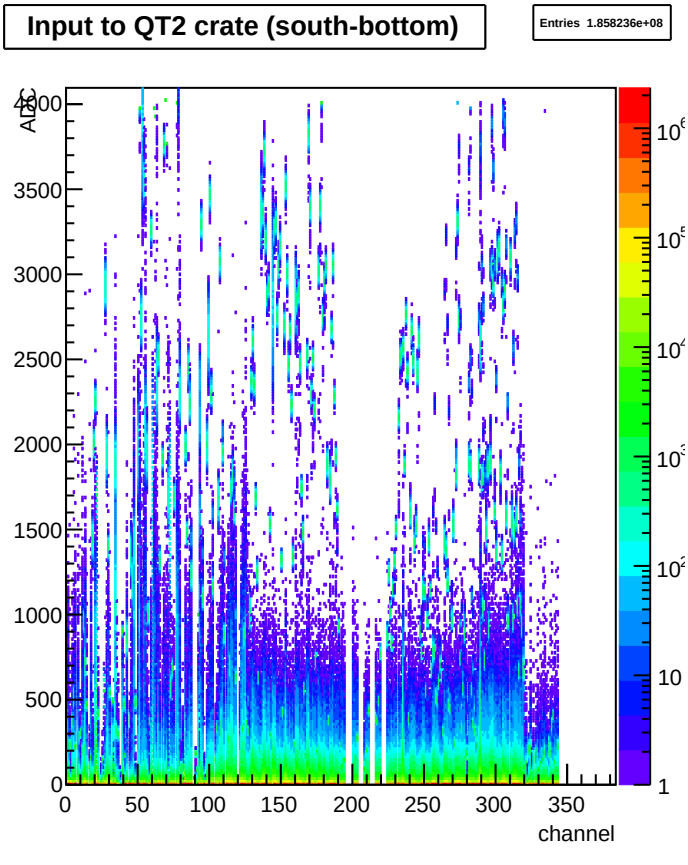

Entries 5686490
ZDC East ADC Sum Att
ZDC West ADC Sum Att

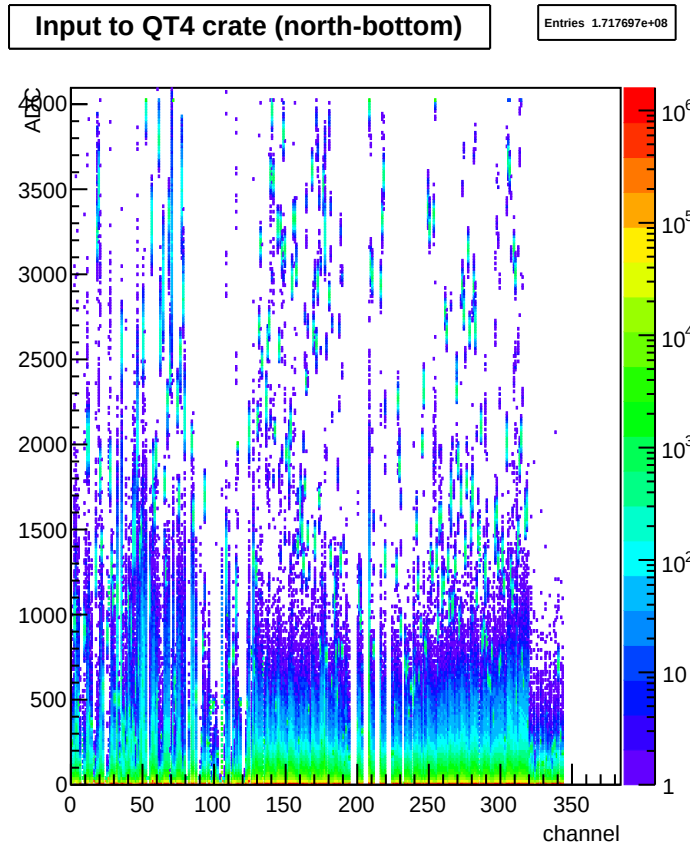

Entries 5686490
VPD East ADC Sum
VPD West ADC Sum

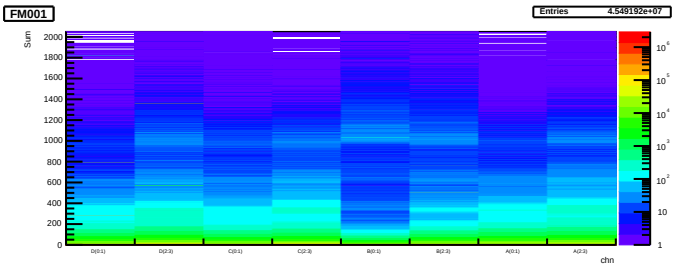

Entries 5686490
BBC-S TAC Diff
ZDC TAC Diff

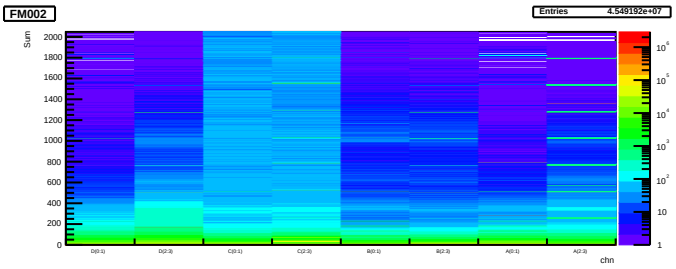

Input to QT1 crate (south-top)
Entries 2.076804e+08
ADC
channel

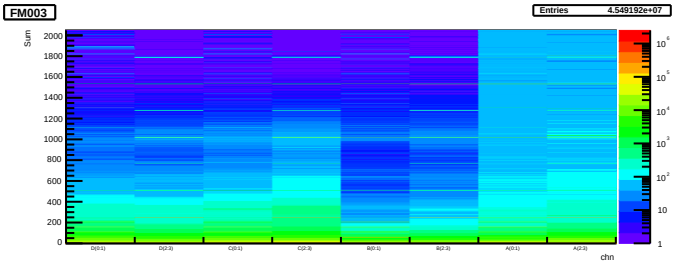

Input to QT3 crate (north-top)
Entries 2.346171e+08
ADC
channel

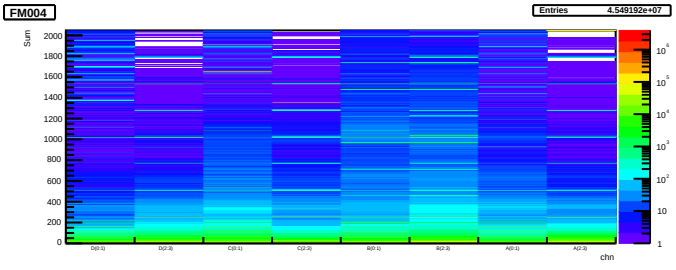

Input to QT2 crate (south-bottom)
Entries 1.858236e+08
ADC
channel


Input to QT4 crate (north-bottom)
Entries 1.717697e+08
ADC
channel


FM001
Entries 4.549192e+07
Sum
chn


FM002
Entries 4.549192e+07
Sum
chn


FM003
Entries 4.549192e+07
Sum
chn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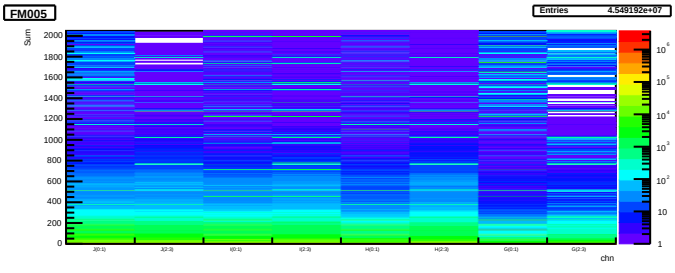
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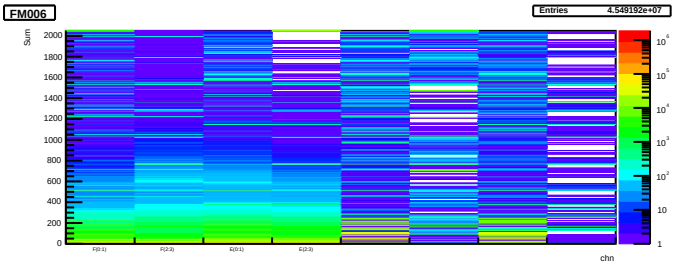
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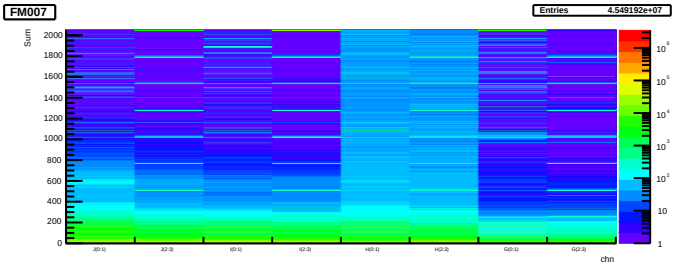
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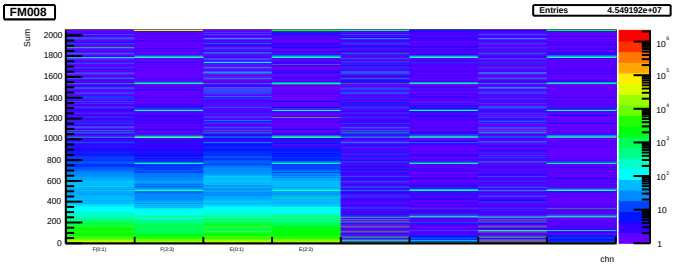
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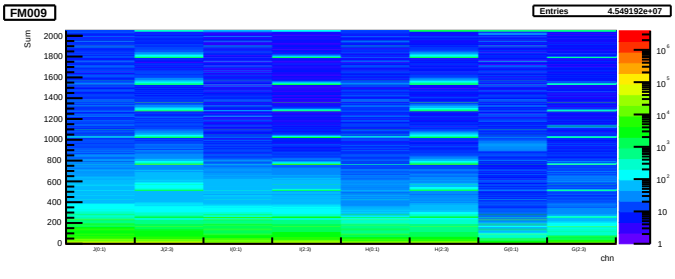
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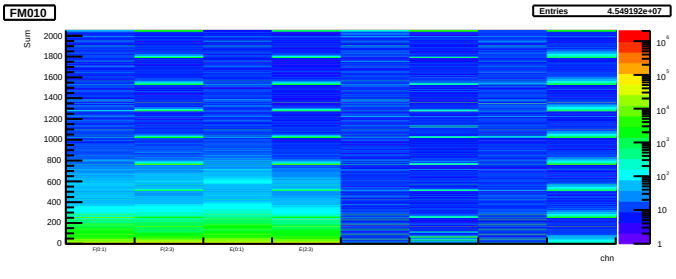
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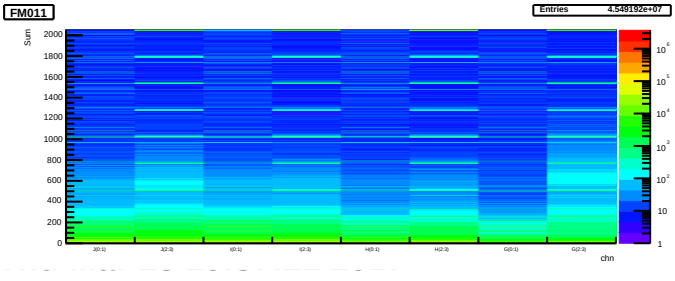
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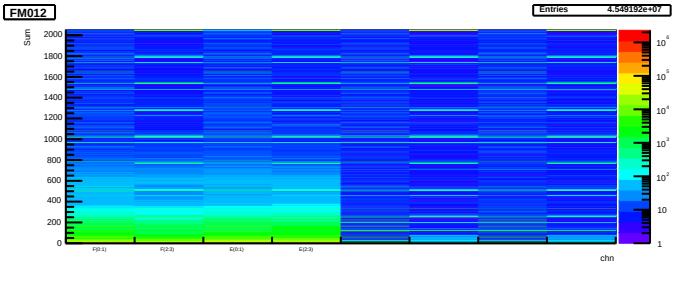
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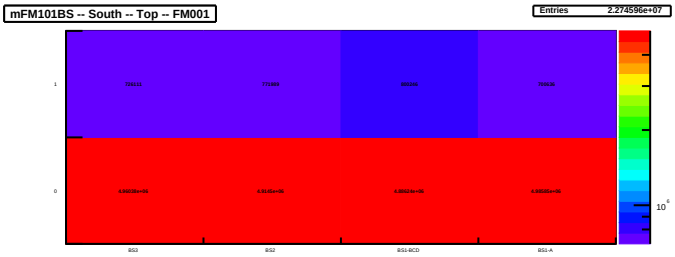
mFM101BS -- South -- Top -- FM001
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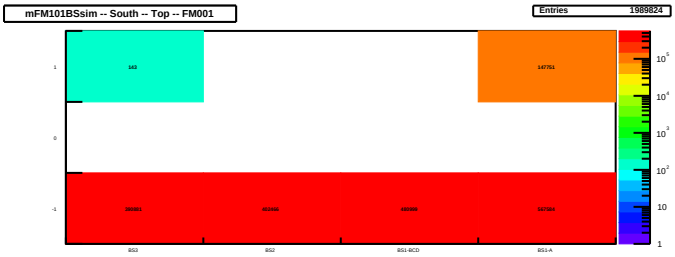
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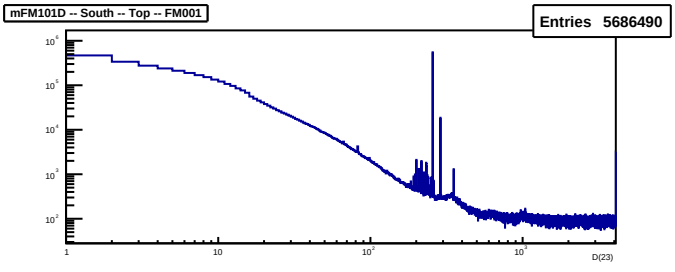
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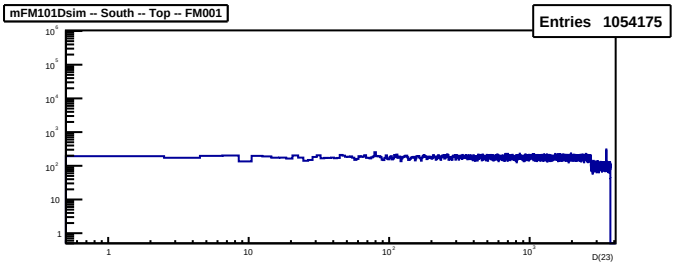
D(23)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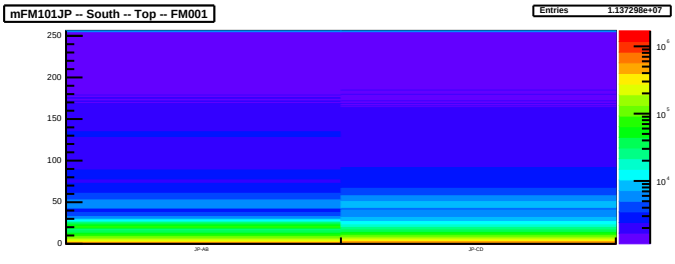
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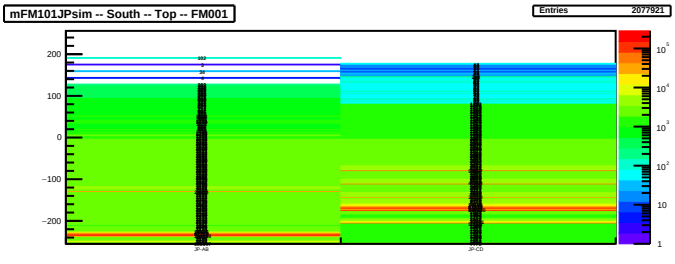
Entries 1.137298e+07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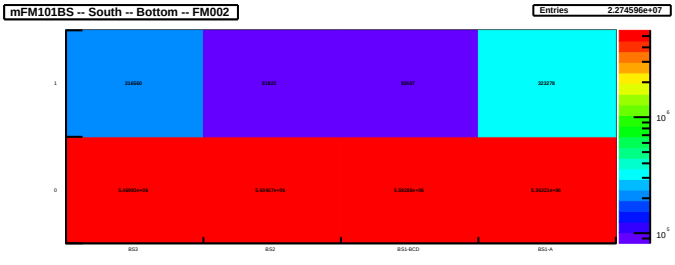
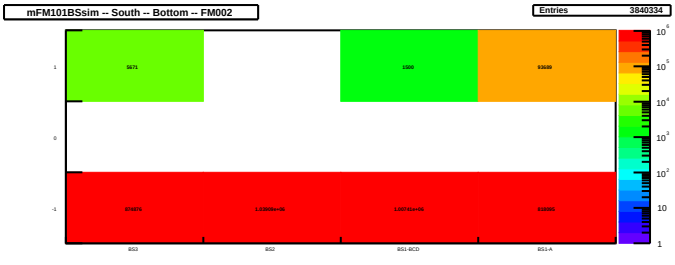

mFM101BS -- South -- Bottom -- FM002
Entries 2.274596e+07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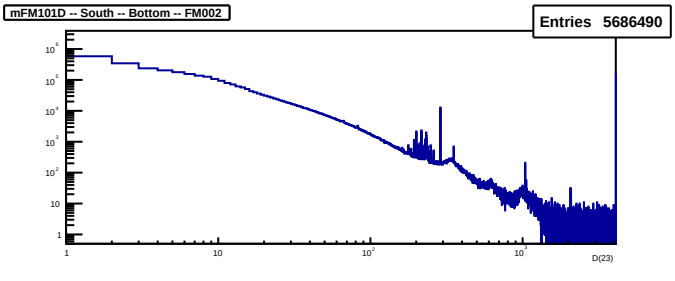
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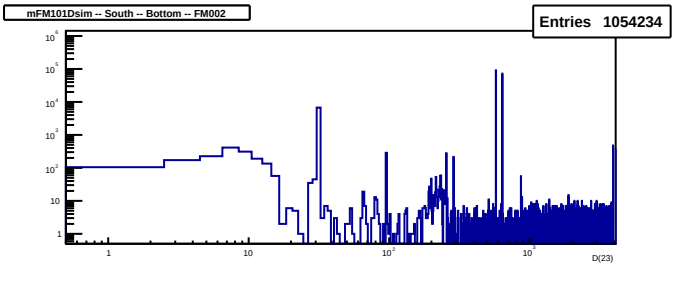
Entries 5686490
D(23)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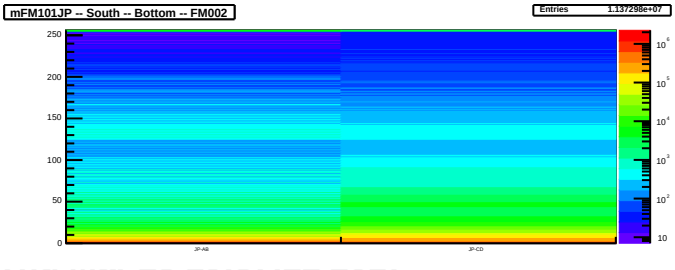
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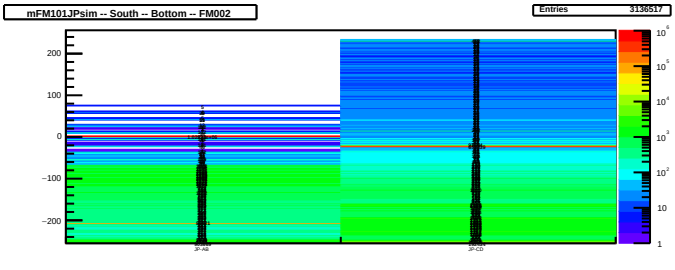
Entries 1.137298e+07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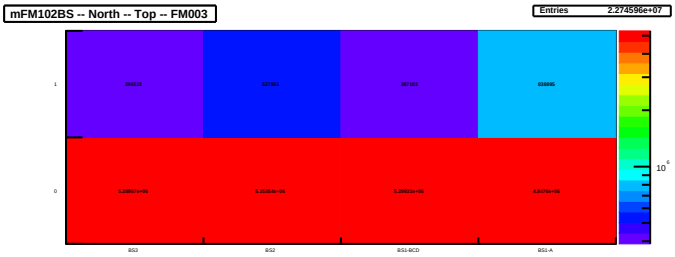
mFM102BS -- North -- Top -- FM003
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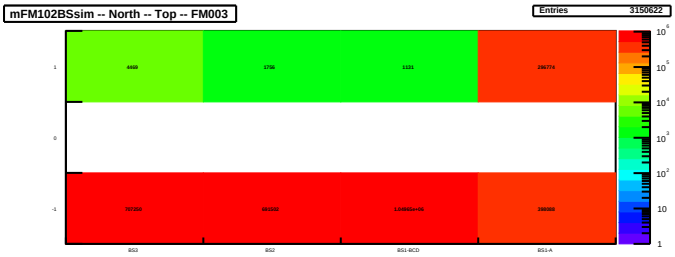
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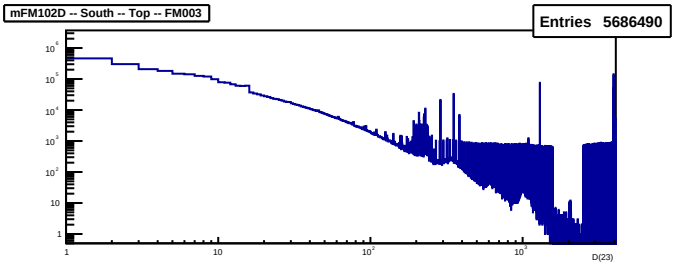
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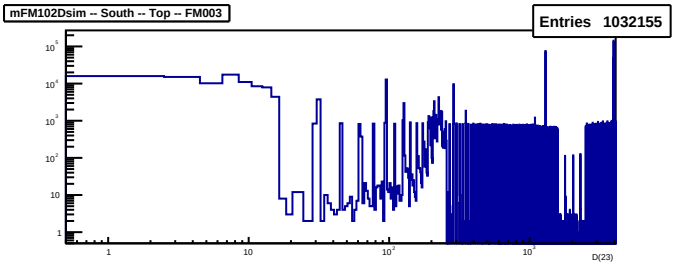
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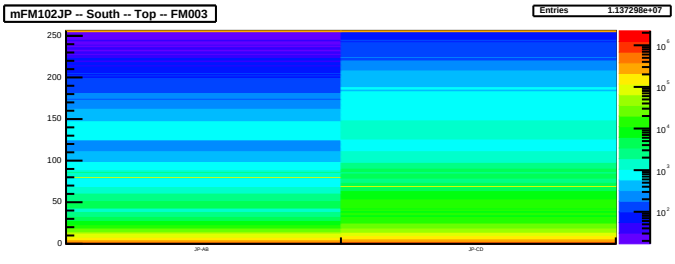
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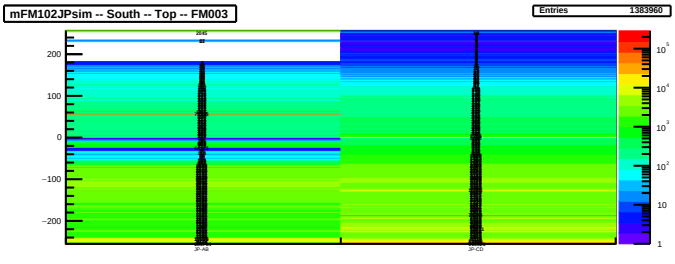
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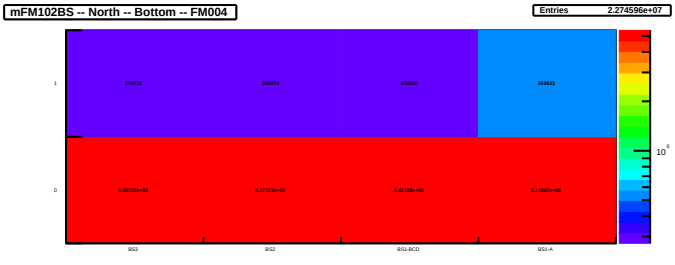
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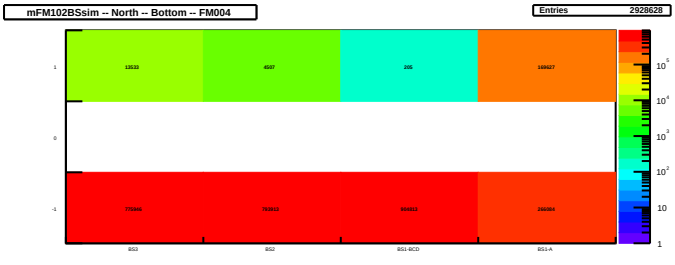
Entries 2.274596e+07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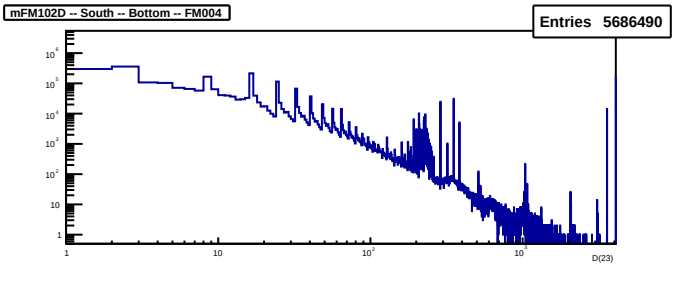
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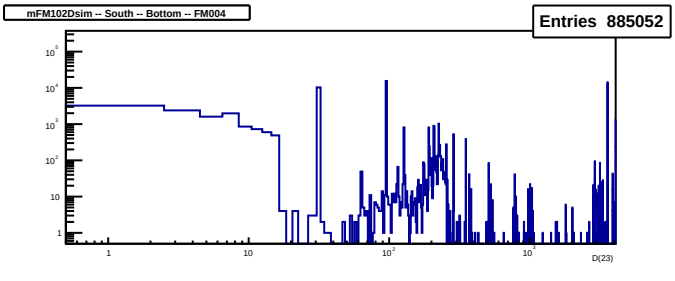
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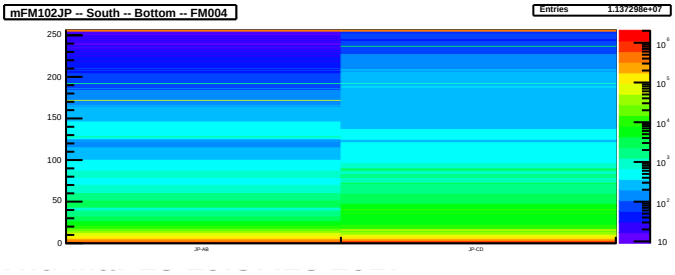
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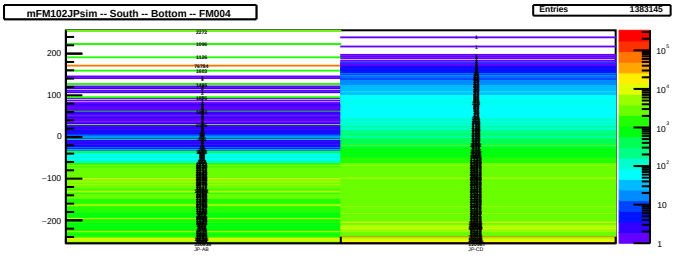
Entries 1.137298e+07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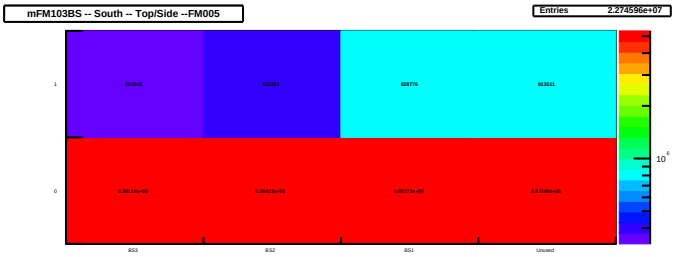
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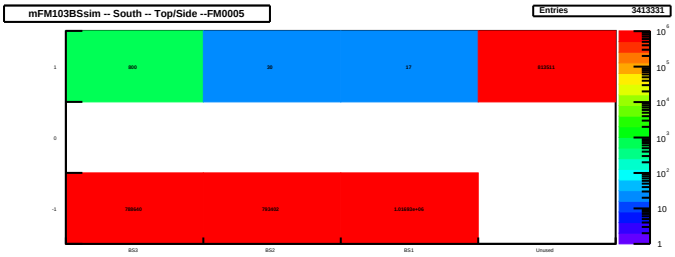
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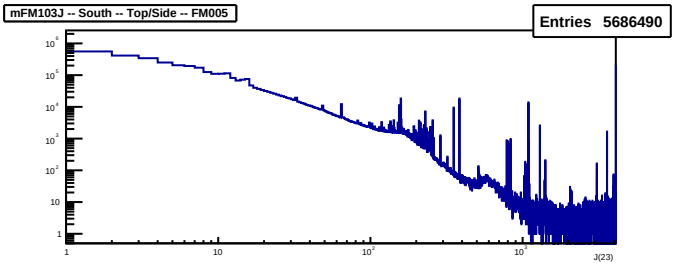
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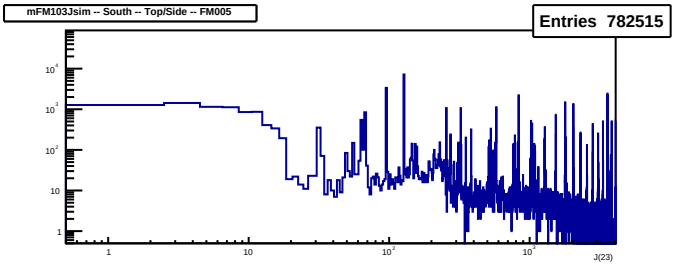
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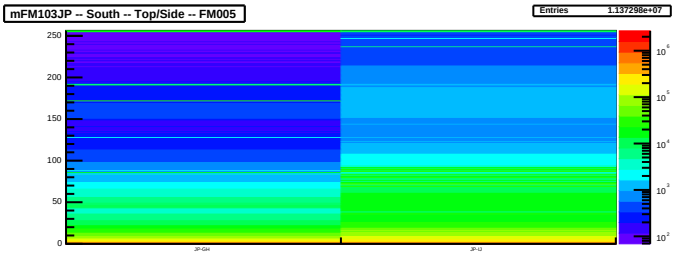
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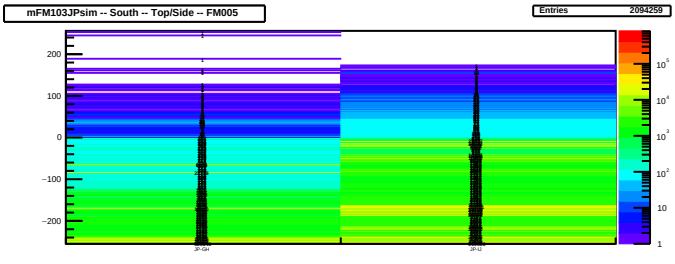
Entries 1.137298e+07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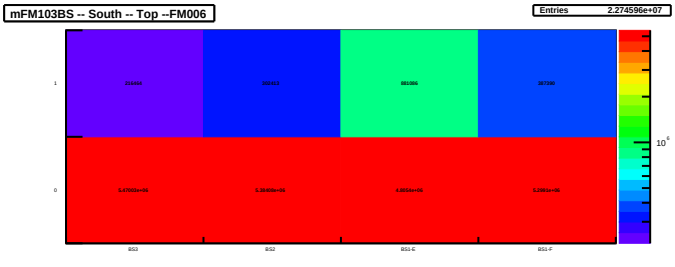
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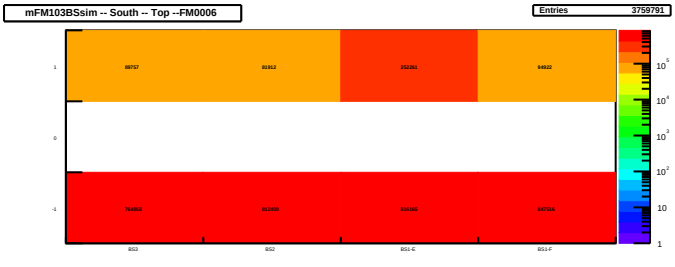
Entries 2.274596e+07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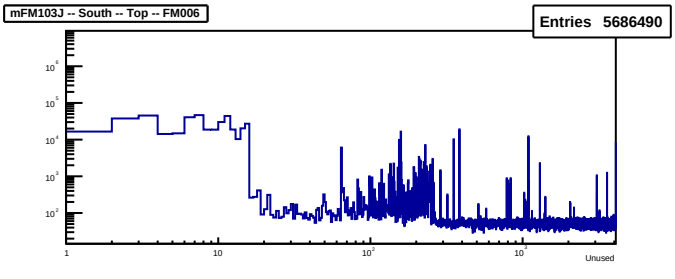
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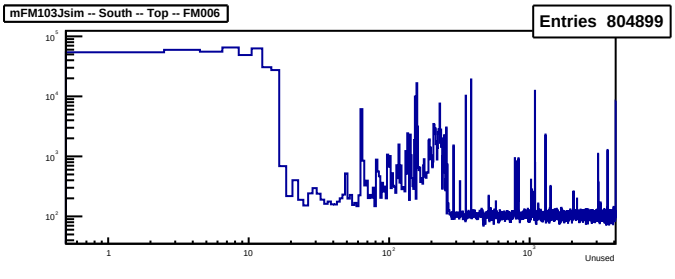
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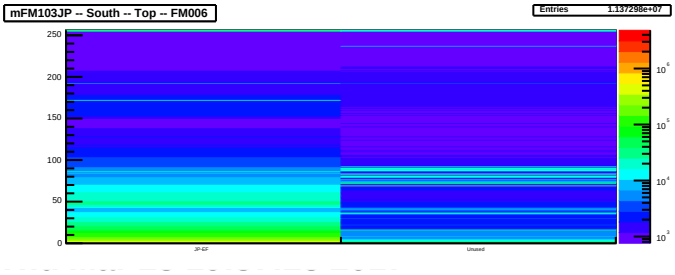
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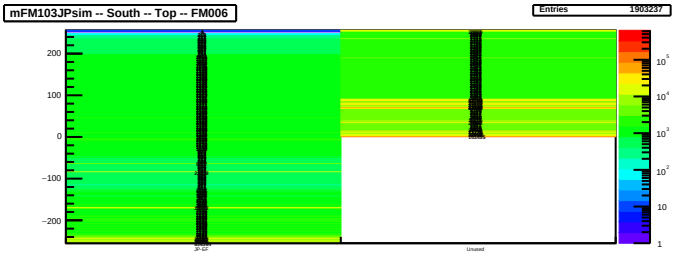
Entries 1.137298e+07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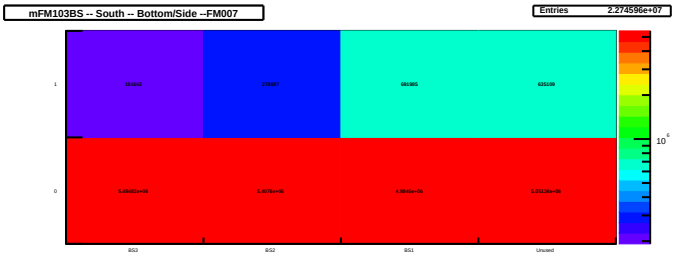
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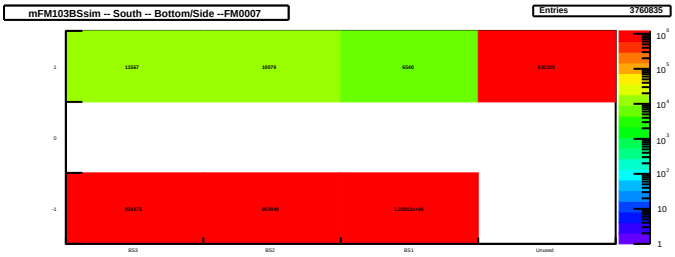
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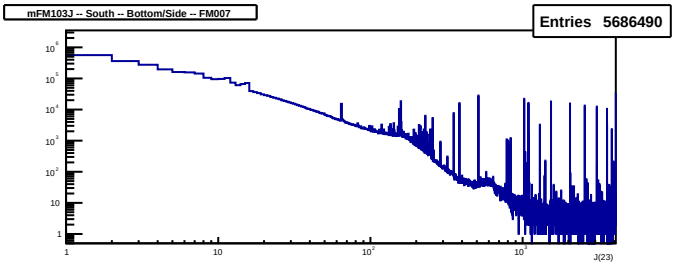
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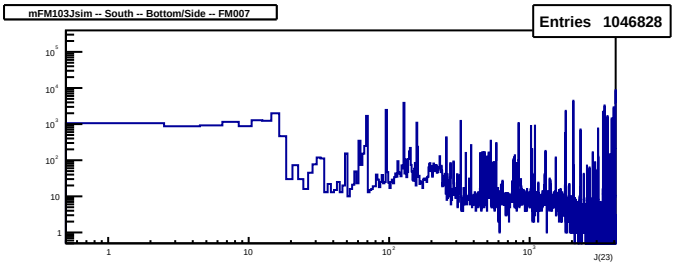
J(23)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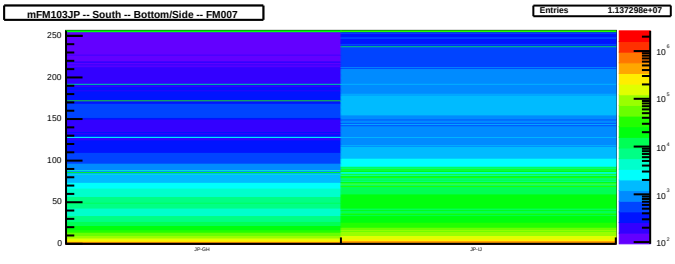
J(23)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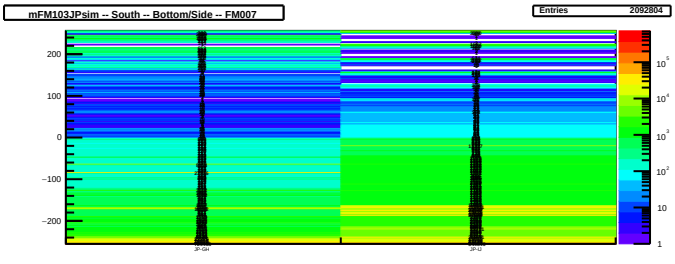
Entries 1.137298e+07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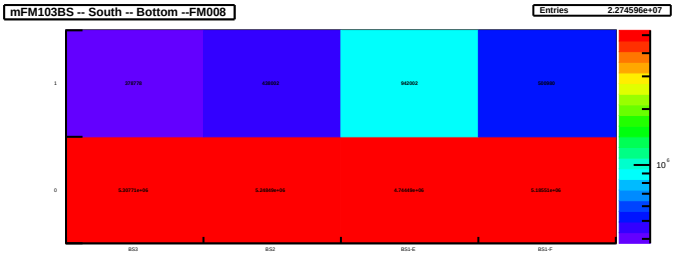
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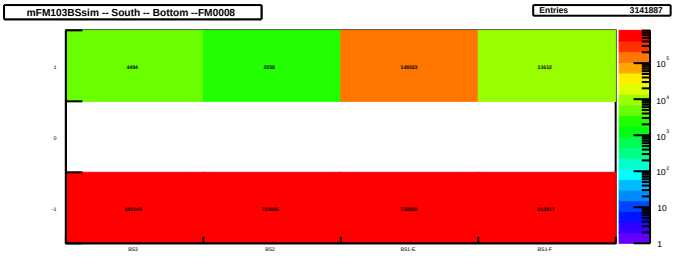
Entries 2.274596e+07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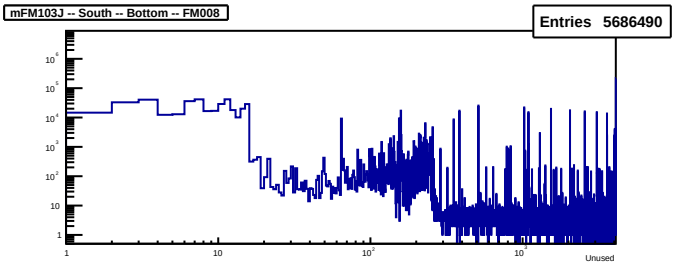
mFM103J -- South -- Bottom -- FM008
Entries 5686490
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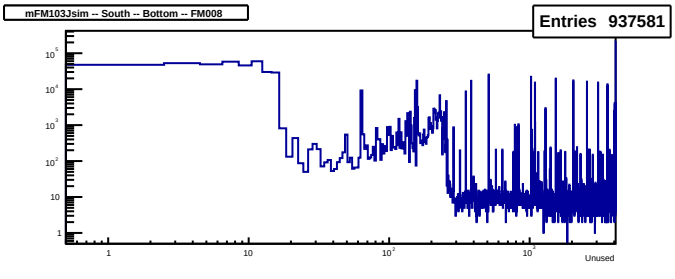
mFM103Jsim -- South -- Bottom -- FM008
Entries 937581
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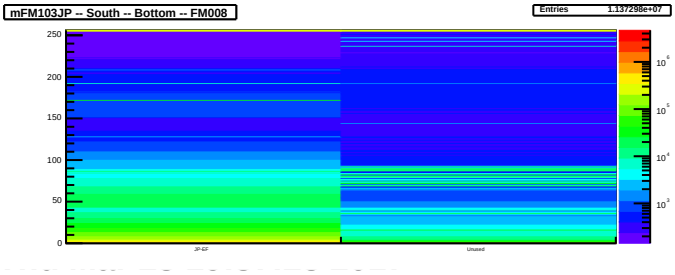
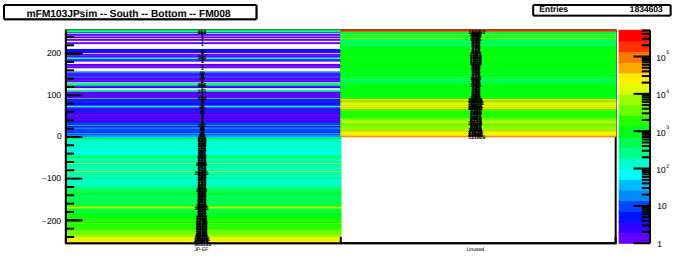
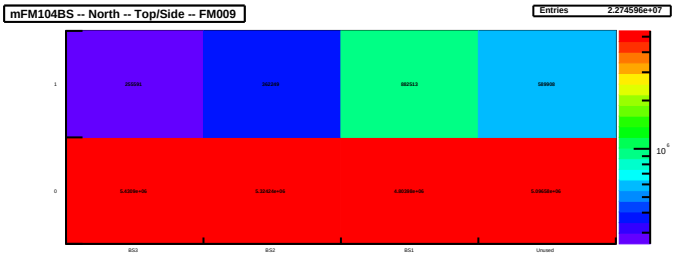
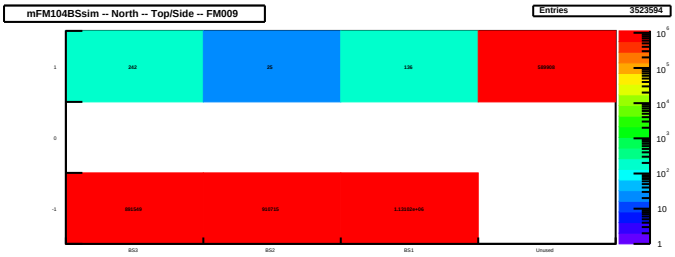

mFM103JP -- South -- Bottom -- FM008
Entries 1.137298e+07


mFM103JPsim -- South -- Bottom -- FM008
Entries 1834603


mFM104BS -- North -- Top/Side -- FM009
Entries 2.274596e+07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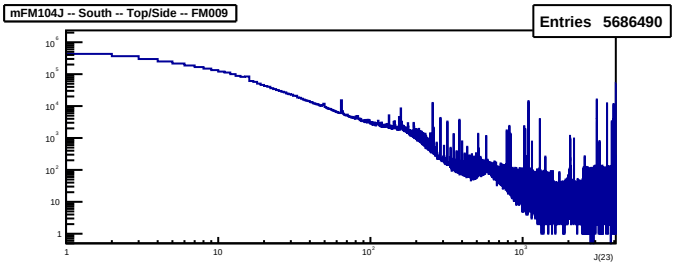
Entries 3523594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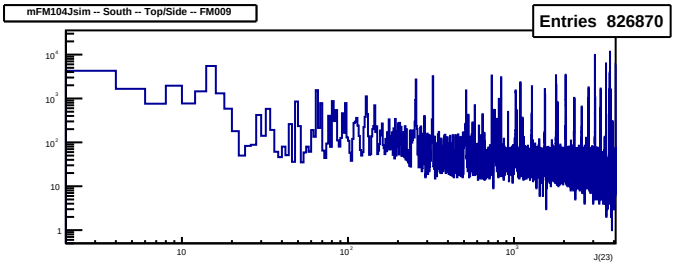
Entries 5686490
J(23)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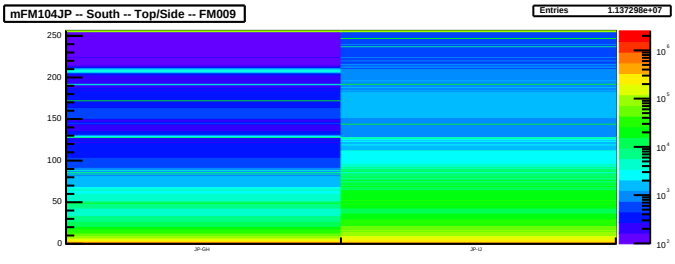
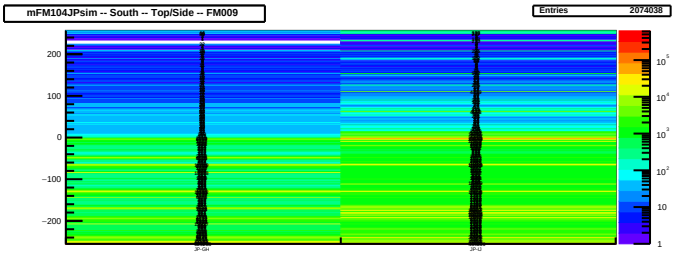
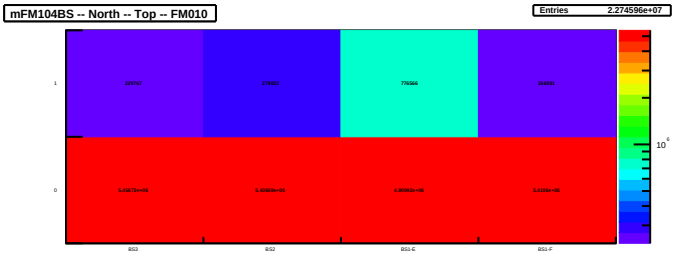
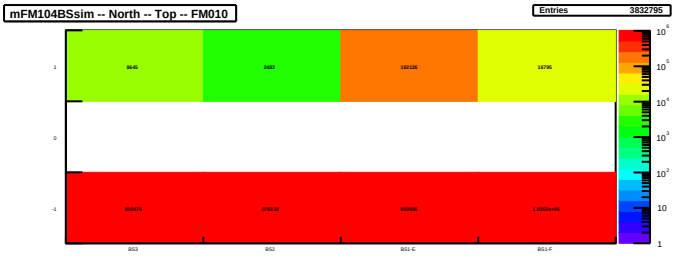
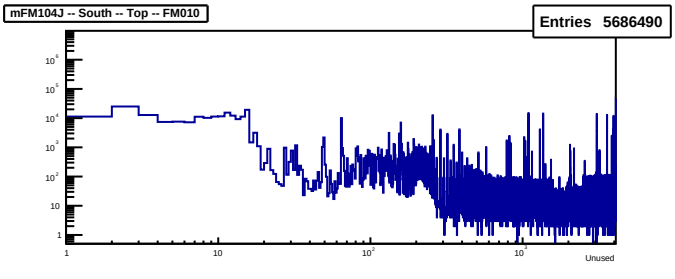
Entries 826870
J(23)

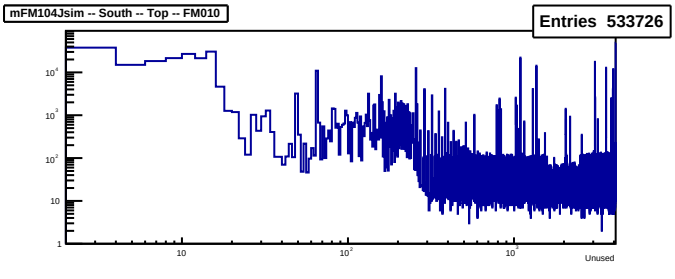

mFM104JP -- South -- Top/Side -- FM009
Entries 1.137298e+07


mFM104JPsim -- South -- Top/Side -- FM009
Entries 2074038


mFM104BS -- North -- Top -- FM010
Entries 2.274596e+07


mFM104BSsim -- North -- Top -- FM010
Entries 3832795


mFM104J -- South -- Top -- FM010
Entries 5686490
Unused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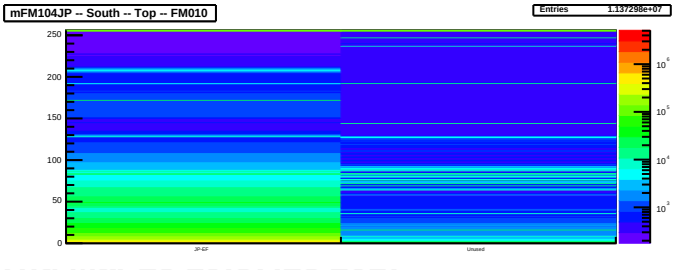
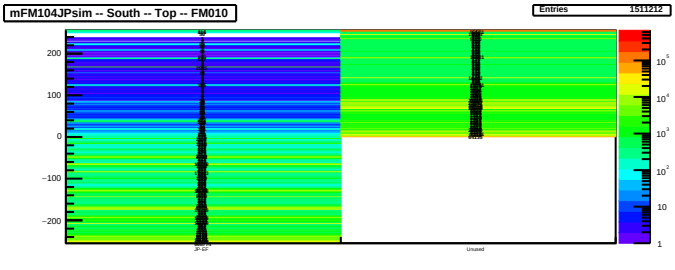
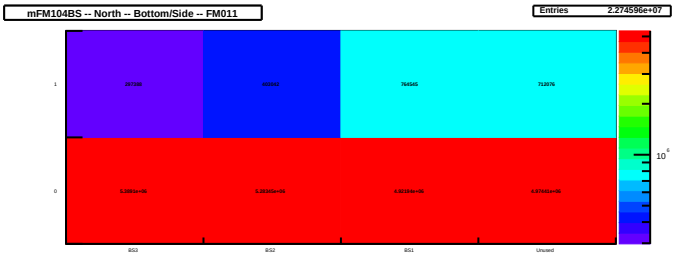
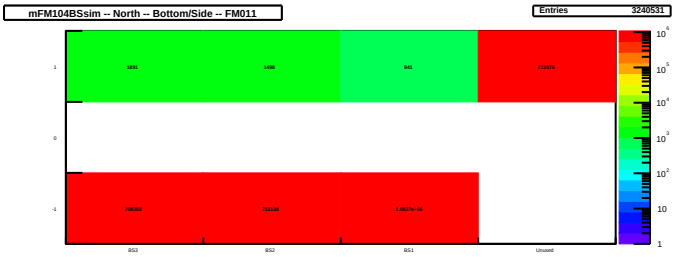
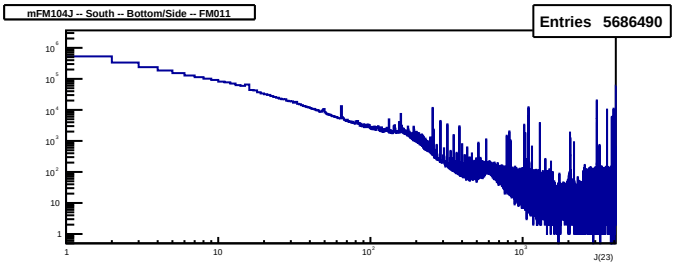
Entries 533726
Unused

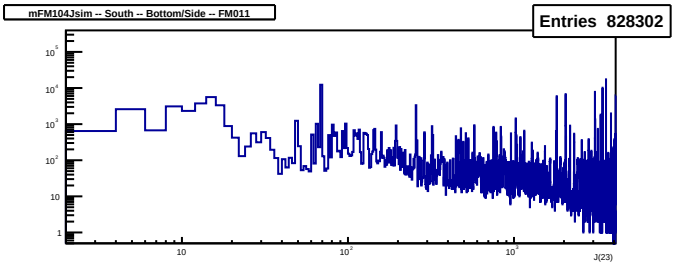

mFM104JP -- South -- Top -- FM010
Entries 1.137298e+07

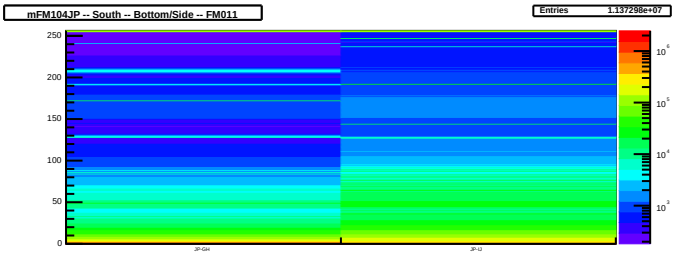

mFM104JPsim -- South -- Top -- FM010
Entries 1511212

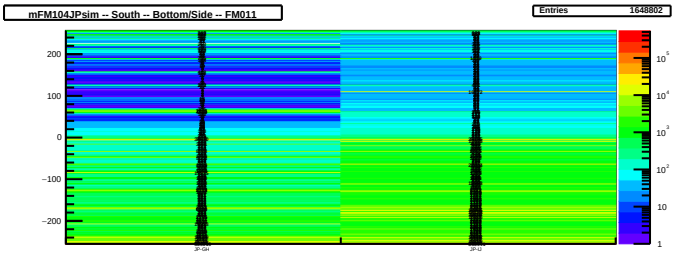

mFM104BS -- North -- Bottom/Side -- FM011
Entries 2.274596e+07

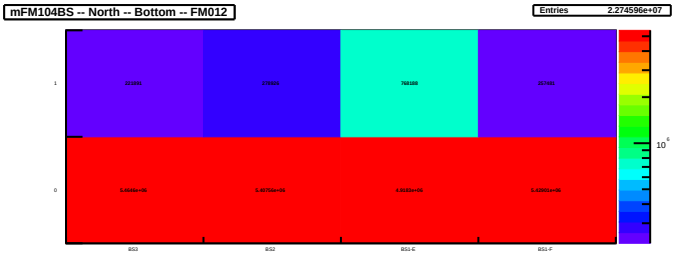

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 3240531

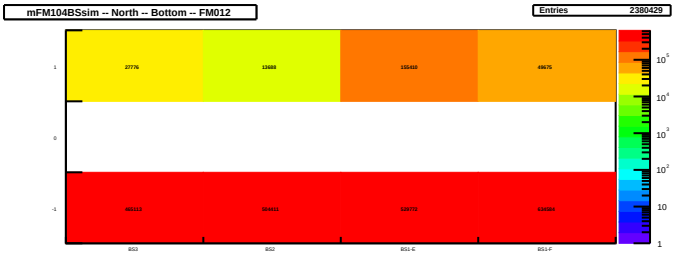

mFM104J -- South -- Bottom/Side -- FM011
Entries 5686490
J(23)

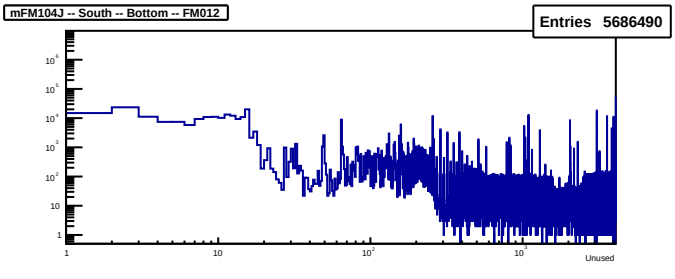

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 828302
J(23)

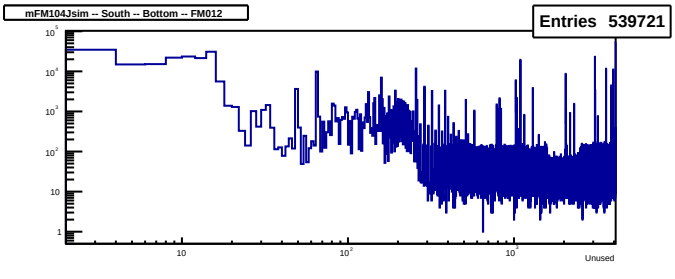

mFM104JP -- South -- Bottom/Side -- FM011
Entries 1.137298e+07

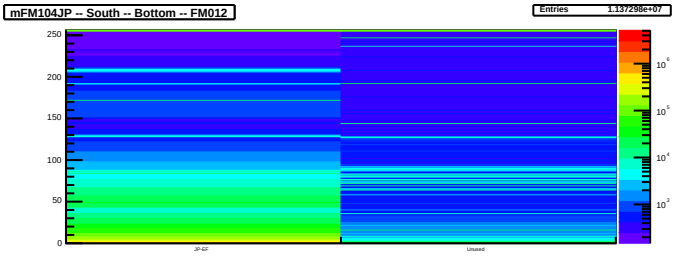

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 1648802

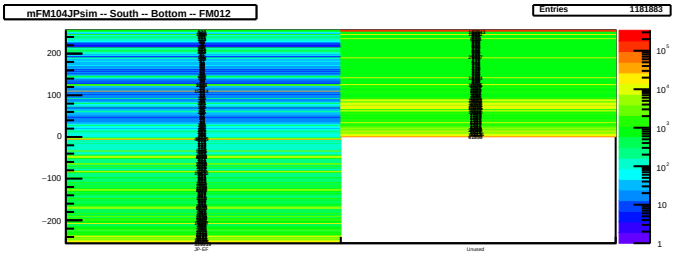

mFM104BS -- North -- Bottom -- FM012
Entries 2.274596e+07

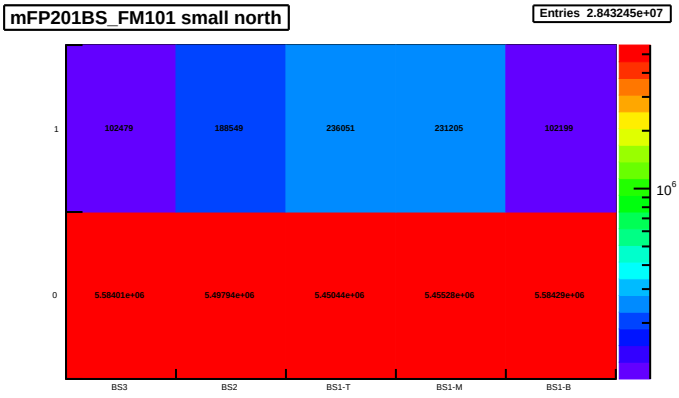

mFM104BSsim -- North -- Bottom -- FM012
Entries 2380429

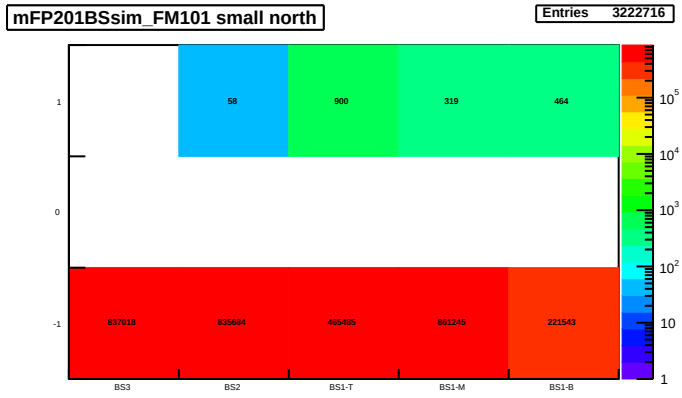

mFM104J -- South -- Bottom -- FM012
Entries 5686490
Unused

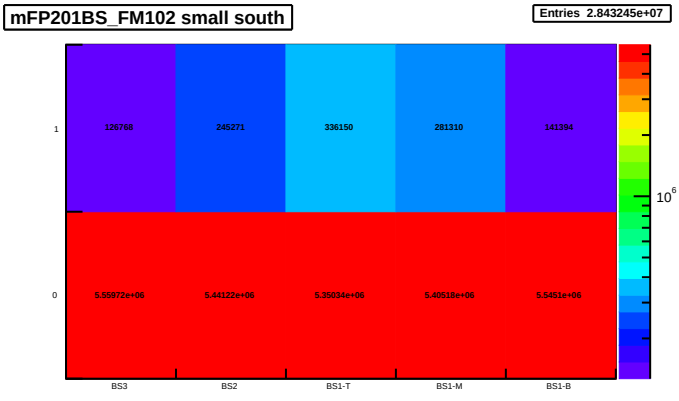

mFM104Jsim -- South -- Bottom -- FM012
Entries 539721
Unused

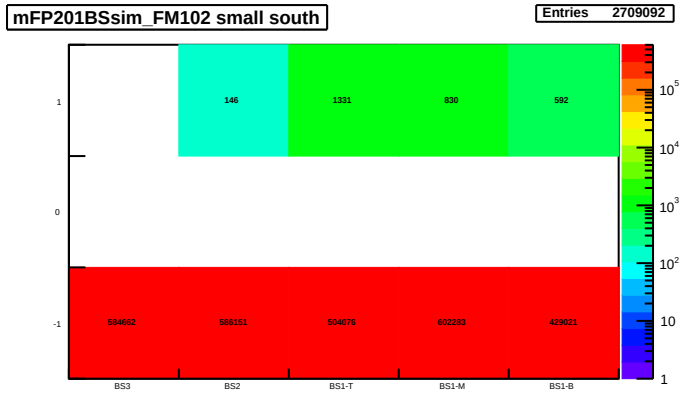

mFM104JP -- South -- Bottom -- FM012
Entries 1.137298e+07

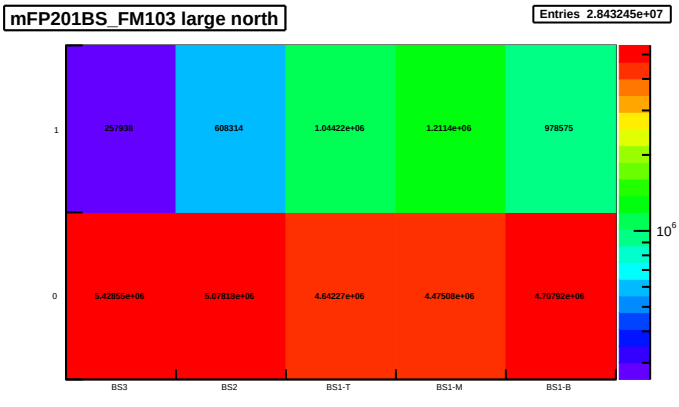

mFM104JPsim -- South -- Bottom -- FM012
Entries 1181883

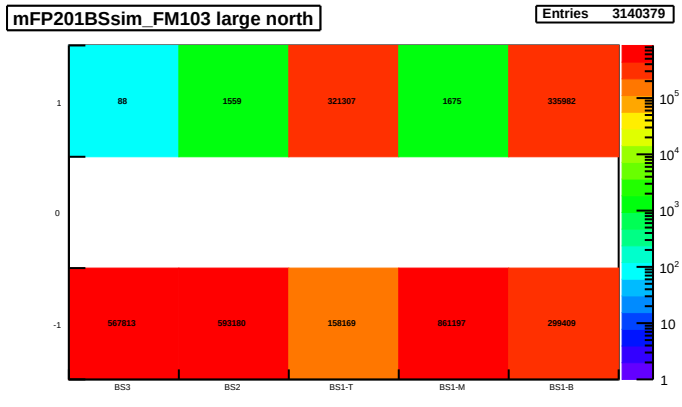

mFP201BS_FM101 small north
Entries 2.843245e+07
102479
188549
236051
231205
102199
5.58401e+06
5.49794e+06
5.45044e+06
5.45528e+06
5.58429e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

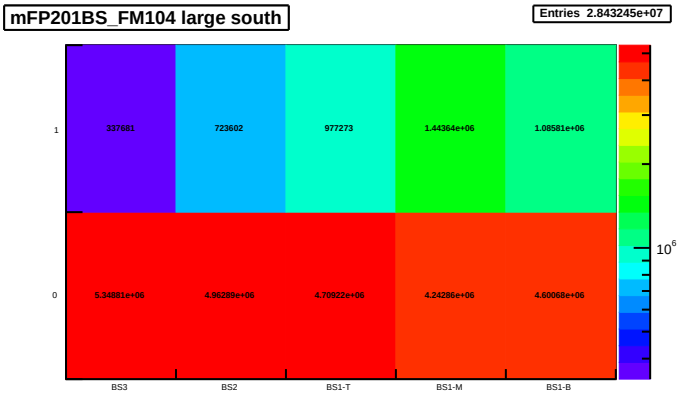

mFP201BSsim_FM101 small north
Entries 3222716
58
900
319
464
837018
835684
465485
861245
221543
BS3
BS2
BS1-T
BS1-M
BS1-B

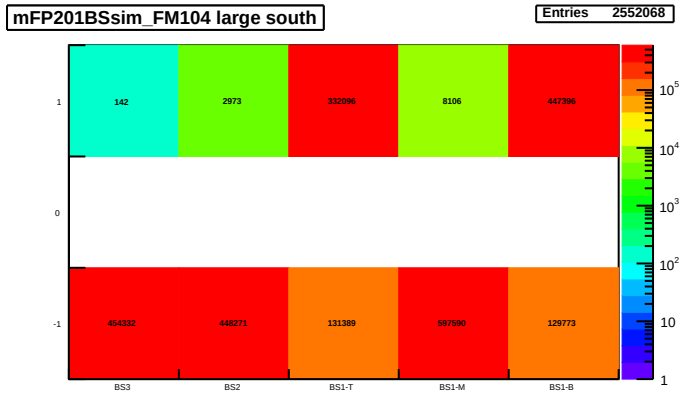

mFP201BS_FM102 small south
Entries 2.843245e+07
126768
245271
336150
281310
141394
5.55972e+06
5.44122e+06
5.35034e+06
5.40518e+06
5.5451e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

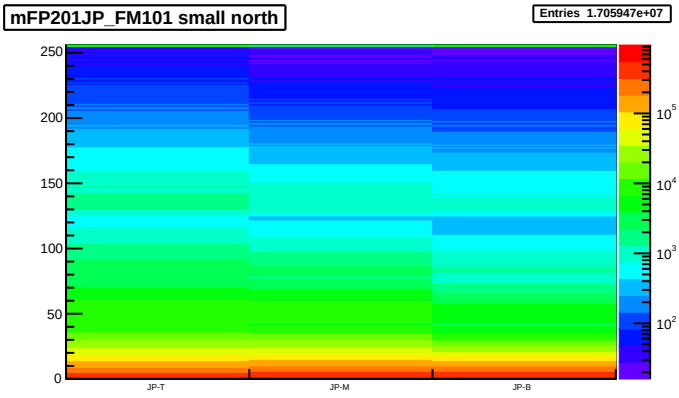

mFP201BSsim_FM102 small south
Entries 2709092
146
1331
830
592
584662
586151
504076
602283
429021
BS3
BS2
BS1-T
BS1-M
BS1-B

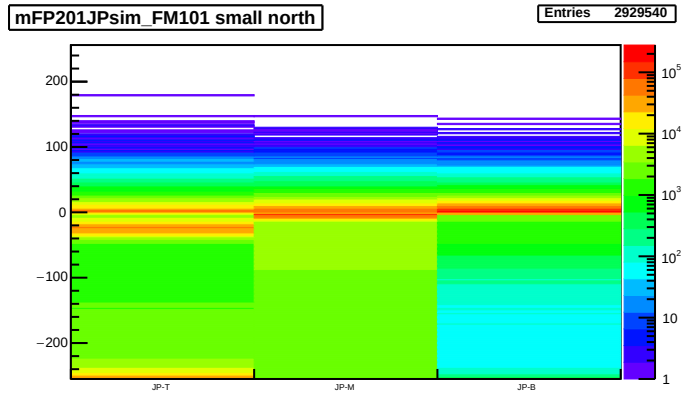

mFP201BS_FM103 large north
Entries 2.843245e+07
257938
608314
1.04422e+06
1.2114e+06
978575
5.42855e+06
5.07818e+06
4.64227e+06
4.47508e+06
4.70792e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

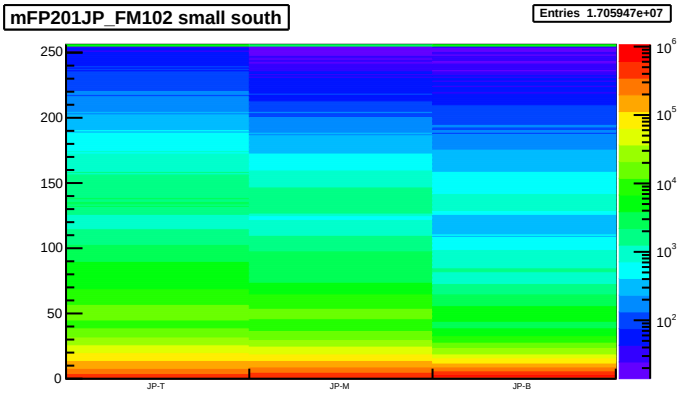

mFP201BSsim_FM103 large north
Entries 3140379
88
1559
321307
1675
335982
567813
593180
158169
861197
299409
BS3
BS2
BS1-T
BS1-M
BS1-B

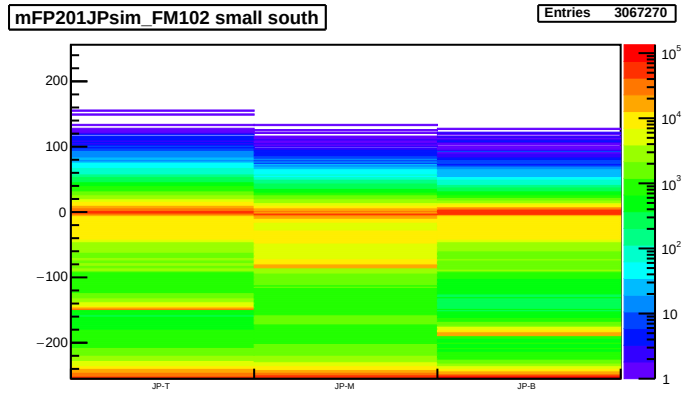

mFP201BS_FM104 large south
Entries 2.843245e+07
337081
723602
977273
1.44364e+06
1.08581e+06
5.34881e+06
4.96289e+06
4.70922e+06
4.24286e+06
4.60068e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

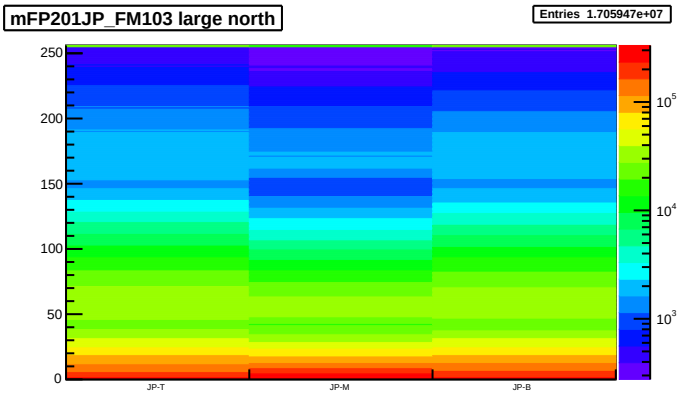

mFP201BSsim_FM104 large south
Entries 2552068
142
2973
332096
8106
447396
454332
448271
131389
597590
129773
BS3
BS2
BS1-T
BS1-M
BS1-B

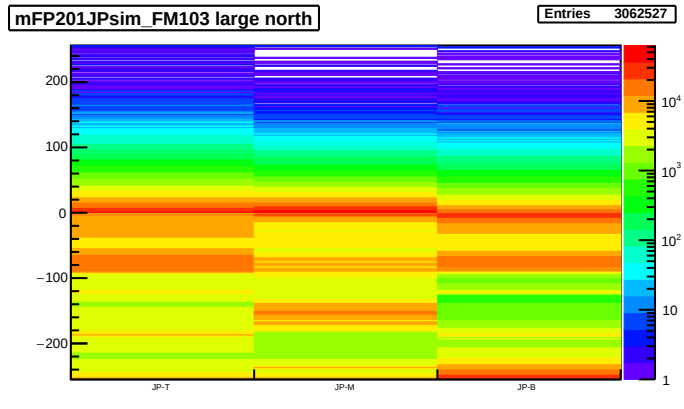

mFP201JP_FM101 small north
Entries 1.705947e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2

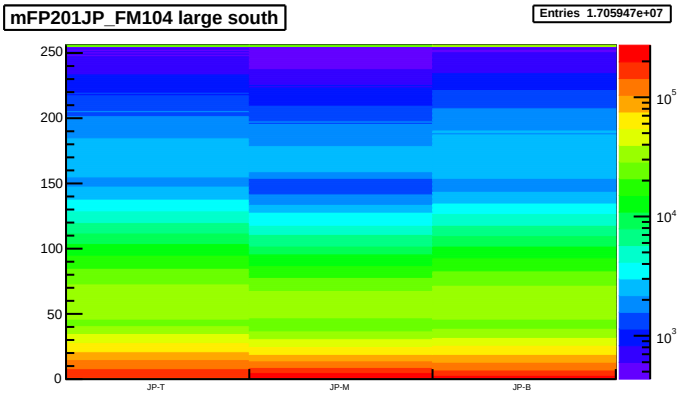

mFP201JPsim_FM101 small north
Entries 2929540
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

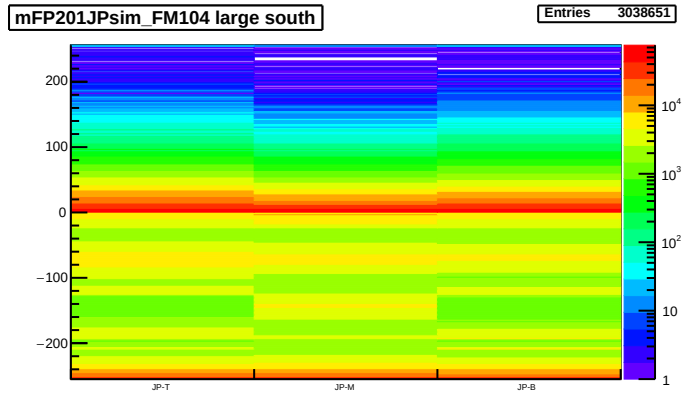

mFP201JP_FM102 small south
Entries 1.705947e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^6
10^5
10^4
10^3
10^2

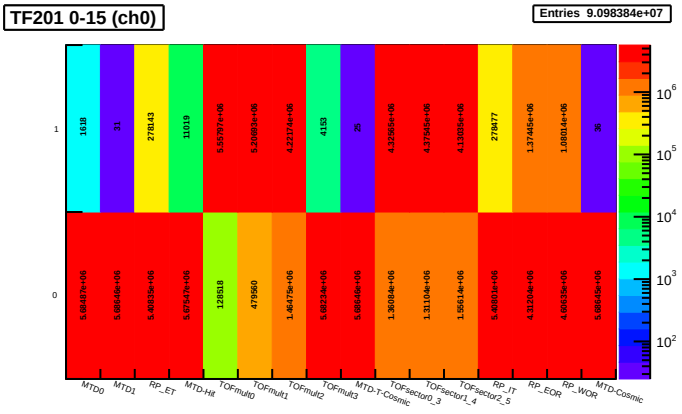

mFP201JPsim_FM102 small south
Entries 3067270
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^5
10^4
10^3
10^2
10
1

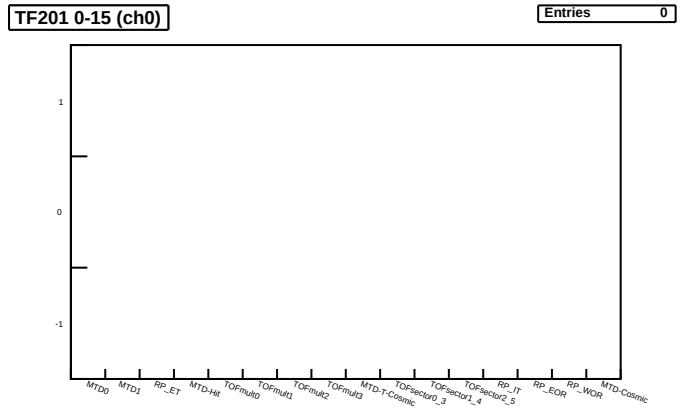

mFP201JP_FM103 large north
Entries 1.705947e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3

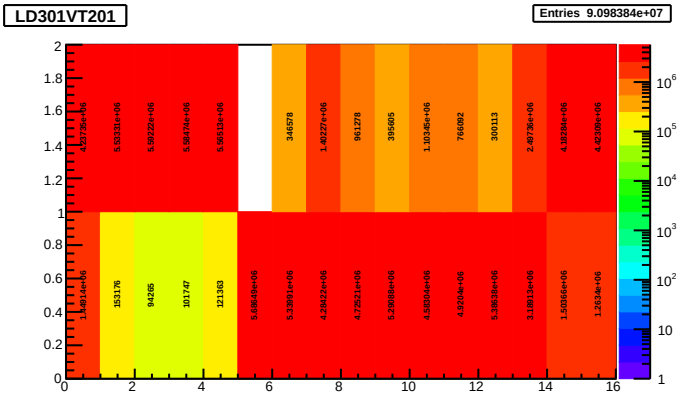

mFP201JPsim_FM103 large north
Entries 3062527
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


mFP201JP_FM104 large south
Entries 1.705947e+07
250
200
150
100
50
0
JP-T
JP-M
JP-B
10^5
10^4
10^3


mFP201JPsim_FM104 large south
Entries 3038651
200
100
0
−100
−200
JP-T
JP-M
JP-B
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 9.098384e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic


TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic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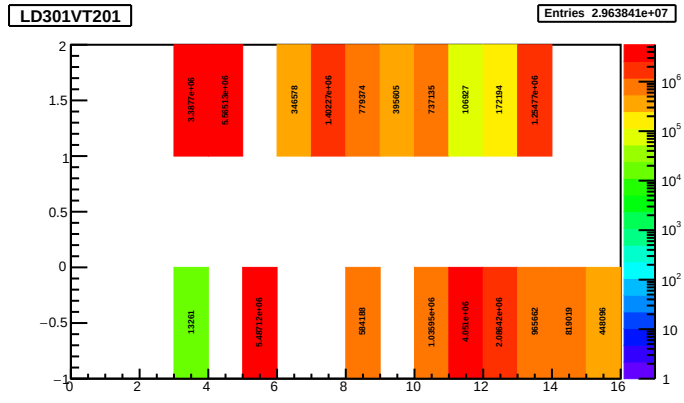
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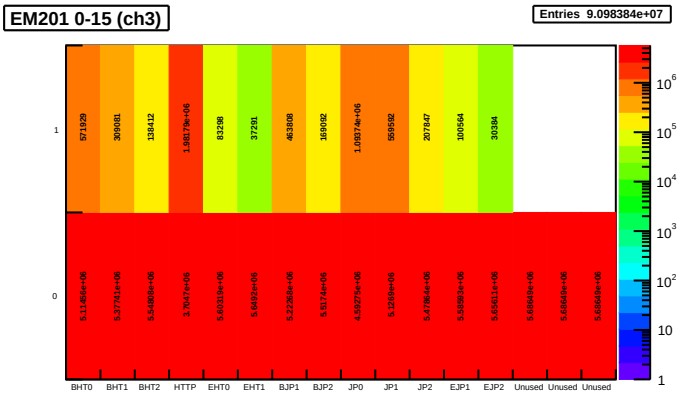
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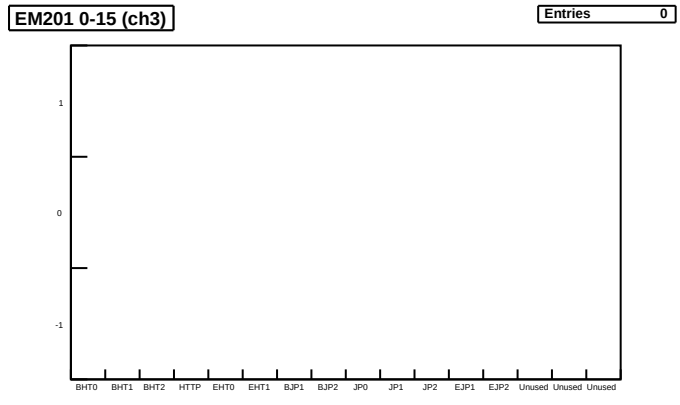
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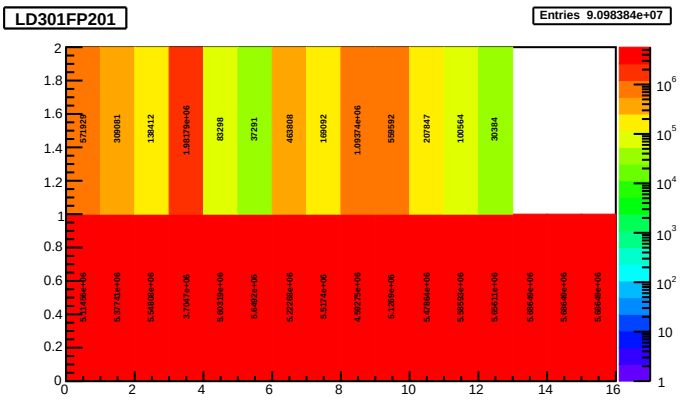
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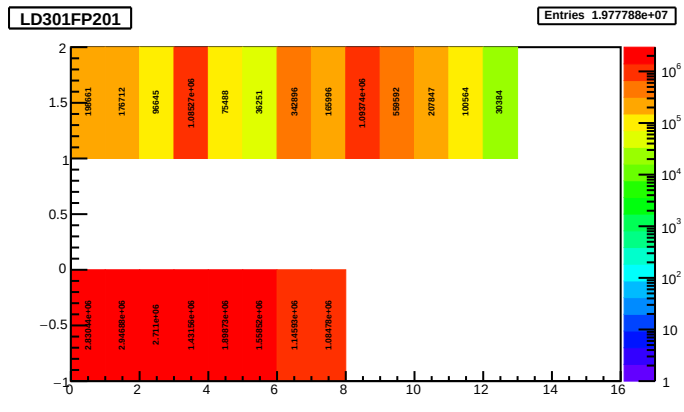
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